## SUPPLEMENTARY MATERIAL

## Multicomponent crystals of anti-Tuberculosis drugs: A mini-review

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**Table S1** Co-crystal formers, CCDC ref codes, common synthons and physical properties addressed

 for multicomponent crystals of isoniazid.

Co-crystal former	CCDC ref code	Physical property addressed		
4-cyanobenzoic acid	ACUDAG <sup>1,a,b,d</sup>	-		
p-aminobenzoic acid	ACUDEK <sup>1,a,c</sup>	-		
p-aminobenzoic acid	ACUDEK01 <sup>1,a,c,f</sup>	-		
4-nitrobenzoic acid	ACUDIO <sup>1,a,b,d</sup>	-		
Nicotinamide	BICQAH <sup>2,a,f</sup>	Solubility and dissolution rate		
Succinic acid				
Nicotinamide	BICQEL <sup>2,a,f</sup>	Solubility and dissolution rate		
Fumaric acid				
4-hydroxybenzoic acid	BICQUB <sup>2,a,b</sup>	Solubility and dissolution rate		
4-hydroxybenzoic acid	BICQUB01 <sup>2,a,f</sup>	Solubility and dissolution rate		
2,2'-dithiodibenzoic acid	BIZMAZ <sup>3,a,c,e</sup>	-		
18-crown-6	BIZMUU <sup>4</sup>	-		
2,3-dihydroxybenzoic acid	BOMBOW <sup>5,a,b</sup>	-		
3,5-dihydroxybenzoic acid	BOMBUC <sup>5,f</sup>	-		
3-hydroxybenzoic acid	BOMCAJ <sup>5,a</sup>	-		
DL Tartaric acid	BOPHOG <sup>6</sup>	-		
4-hydroxy-3,5-dimethoxybenzoic acid	COSKUT <sup>7,e</sup>	Solubility and dissolution rate.		
6-chloro-3,4-dihydro-2H-1,2,4-	DADLUS <sup>8,e</sup>	Solubility and dissolution rate		
benzothiadiazine-7-sulfonamide 1,1-				
dioxide				
3-,4-hydroxybenzoic acid	EJOYEJ <sup>9,a,b</sup>	Solubility and stability		
Malonic acid	FADGEY <sup>10,a</sup>	-		
Succinic acid	FADGIC <sup>10,a,b,d</sup>	-		
Succinic acid	FADGIC01 <sup>11,c,d,e</sup>	-		
Succinic acid	FADGIC02 <sup>12,a,d</sup>	Solubility, stability and dissolution rate		
Succinic acid	FADGIC03 <sup>*,a,b,d</sup>	-		
Glutaric acid	FADGOI <sup>10,a,c</sup>	-		
Adipic acid	FADGUO <sup>10,a,b,f</sup>	-		
Adipic acid	FADGUO01 <sup>13,a</sup>	-		
Adipic acid	FADGUO02 <sup>*,a,b,f</sup>	Solubility		
Pimelic acid	FADHAV <sup>10,a,c</sup>	-		
4-hydroxybenzoic acid	FADHEZ <sup>10,a,c</sup>	-		
4-hydroxybenzoic acid	FADHEZ01 <sup>10</sup>	-		
2,4-hydroxyybenzoic acid	FADHID <sup>10,a,c,f</sup>	-		
Ferulic acid	FOSFIE <sup>14,d</sup>	Stability		
Resorcinol	FOSFOK <sup>14,c</sup>	Stability		
Vanillic acid	FOSFUQ <sup>14,d</sup>	Stability		

Vanillic acid	FOSFUQ01 <sup>14,a,c</sup>	Stability			
Caffeic acid	FOSMIL <sup>14,a</sup>	Stability			
Caffeic acid	FOSMIL01 <sup>14,a,b</sup>	Stability			
4-t-butylbenzoic acid	GIYLUY <sup>15,a,d</sup>	-			
Salicylic acid	LATKUO <sup>11,a,f</sup>	-			
2-chloro-4-nitrobenzoic acid	LATLEZ <sup>11,a,d,e</sup>	-			
Fumaric acid	LATSUW <sup>12</sup>	Solubility and dissolution rate			
Fumaric acid	LATTAD <sup>12,a</sup>	Solubility and dissolution rate			
Fumaric acid	LATTAD01 <sup>2,a,b</sup>	Stability, solubility and dissolution rate			
Fumaric acid	LATTAD02 <sup>2,a</sup>	Stability, solubility and dissolution rate			
3,4,5-trihydroxybenzoic acid	LODHIX <sup>16</sup>	-			
3,4,5-trihydroxybenzoic acid	LODHIX01 <sup>16</sup>	-			
3,4,5-trihydroxybenzoic acid	LODHOD <sup>16,a,b</sup>	-			
3,4,5-trihydroxybenzoic acid	LODHOD01 <sup>16,a</sup>	-			
3,4,5-trihydroxybenzoic acid	LODHOD02 <sup>5,a,b</sup>	-			
3,4,5-trihydroxybenzoic acid	LODHOD03 <sup>17,a,b</sup>	-			
2,6-dihydroxybenzoic acid	NAKZEH <sup>18</sup>	-			
2,6-dihydroxybenzoic acid	NAKZEH01 <sup>17</sup>	-			
Phthalic acid	NAKZOR <sup>18,d</sup>	-			
Terephthalic acid	ORAWIO <sup>19,a,b,t</sup>	-			
3-(4-hydroxyphenyl)acrylic acid	PEHFUF <sup>20</sup>	-			
2,4,6-trinitrophenol	PEZVAU				
5-fluorocytosine	PINJII <sup>21,†</sup>	Stability and solubility			
Oxalic acid	QICJIY <sup>22</sup>	Solubility			
Oxalic acid	QICJIY01 <sup>°</sup>	-			
Maleic acid	QICJOE <sup>22</sup>	Solubility			
Methane sulfonic acid	QICJUK <sup>22</sup>	Solubility			
Benzoic acid	SETRIU <sup>23,a,b,f</sup>	Stability and solubility			
Sebacic acid	SETROA <sup>23,a,b,d</sup>	Stability and solubility			
Suberic acid	SETRUG <sup>23,a,b,d</sup>	Stability and solubility			
Cinnamic acid	SETSAN <sup>23,a,b</sup>	Stability and solubility			
Cinnamic acid	SESTAN0123,a,b	Stability and solubility			
Cinnamic acid	SESTAN02 <sup>23,a,b,f</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro-	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>+,c</sup> URUDER <sup>24,a,f</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid	URUDER <sup>24,a,f</sup> URUDER <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>+,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>+,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,b,f</sup>				
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER07 <sup>24,a,b,f</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER08 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER092 <sup>4,a,b,f</sup> URUDER10 <sup>24,a,b,f</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>+,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER10 <sup>24,a,b,f</sup> VAXROD <sup>25</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalicylic acid 4-aminosalycylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>+,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER10 <sup>24,a,b,f</sup> VAXROD <sup>25</sup> VAXRUJ <sup>25</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>+,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXR0D <sup>25</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 8ut-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid Naphthalene-1,5-disulfonic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>+,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXR02 <sup>5</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup> VEGHUN <sup>26</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 8ut-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Resveratrol Tarterio acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>+,c</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>25</sup> VAXRUJ <sup>25</sup> VAXRUJ <sup>25</sup> VEGHOH <sup>26</sup> VOPQEZ <sup>27</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 8ut-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Resveratrol Tartaric acid Tartaric acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXR0D <sup>25</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ*	Stability and solubility       -       Solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 8ut-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid Naphthalene-1,5-disulfonic acid Resveratrol Tartaric acid D tartaric acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXR0D <sup>25</sup> VAXRUJ <sup>25</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ* WETZAZ <sup>*</sup>	Stability and solubility       -       Solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Resveratrol Tartaric acid D-tartaric acid D tartaric acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXR0D <sup>25</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ <sup>*</sup> WETZAZ <sup>4</sup>	Stability and solubility       -       Solubility       -       -       -       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Resveratrol Tartaric acid D-tartaric acid D-tartaric acid Poprone 1.3,5 trial	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXR0D <sup>25</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ <sup>*</sup> WETZAZ01 <sup>*</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid But-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid Naphthalene-1,5-disulfonic acid Resveratrol Tartaric acid D-tartaric acid Benzene 1,3,5 triol Eumario acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER08 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXR0D <sup>25</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ <sup>*</sup> WETZAZ01 <sup>*</sup> WETZAZ03 <sup>6</sup> WIWNAU <sup>17,e</sup>	Stability and solubility       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid Naphthalene-1,5-disulfonic acid Resveratrol Tartaric acid D-tartaric acid Benzene 1,3,5 triol Fumaric acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXROD <sup>25</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ <sup>*</sup> WETZAZ01 <sup>*</sup> WETZAZ03 <sup>6</sup> WIWNAU <sup>17,e</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid Naphthalene-1,5-disulfonic acid Resveratrol Tartaric acid D-tartaric acid Benzene 1,3,5 triol Fumaric acid Pyrazinamide 2 acthomy 4 bydromyonzonogulfenic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER04 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXROD <sup>25</sup> VAXRUJ <sup>25</sup> VEGHOH <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ <sup>*</sup> WETZAZ01 <sup>*</sup> WETZAZ03 <sup>6</sup> WIWNAU <sup>17,e</sup> YEVBAF <sup>28,a</sup>	Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid Naphthalene-1,5-disulfonic acid Resveratrol Tartaric acid D-tartaric acid D-tartaric acid Benzene 1,3,5 triol Fumaric acid Pyrazinamide 3-carboxy-4-hydroxybenzenesulfonic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER05 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER08 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXROD <sup>25</sup> VAXRUJ <sup>25</sup> VEGH0H <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ* WETZAZ <sup>*</sup> WETZAZ01 <sup>*</sup> WETZAZ03 <sup>6</sup> WIWNAU <sup>17,e</sup> YEVBAF <sup>28,a</sup>	Stability and solubility         -         Solubility, dissolution and mem-brane permeability			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 8ut-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Comparison of the server and the server and the server acid Tartaric acid D-tartaric acid D-tartaric acid Benzene 1,3,5 triol Fumaric acid 3,4-dihydroxycinnamic acid 3,4-dihydroxycinnamic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER05 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXROD <sup>25</sup> VAXRUJ <sup>25</sup> VEGHOH <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VETZAZ* WETZAZ* WETZAZ <sup>4</sup> WETZAZ03 <sup>6</sup> WIWNAU <sup>17,e</sup> YEVBAF <sup>28,a</sup>	Stability and solubility         -         Solubility, dissolution and mem-brane permeability			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 8ut-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid D-tartaric acid D-tartaric acid D-tartaric acid D-tartaric acid Pyrazinamide 3-carboxy-4-hydroxybenzenesulfonic acid 3,4-dihydroxycinnamic acid 4-aminosalicylic acid 4-aminosalycylic acid 5-xiboxy-4-hydroxybenzenesulfonic acid 3,4-dihydroxycinnamic acid 4-adinydroxycinnamic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER03 <sup>24,a,f</sup> URUDER05 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXROD <sup>25</sup> VAXRUJ <sup>25</sup> VEGHOH <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ* WETZAZ01 <sup>*</sup> WETZAZ03 <sup>6</sup> WIWNAU <sup>17,e</sup> YEVBAF <sup>28,a</sup> YIFXOB <sup>29</sup> FOSMIL02 <sup>30,a</sup> PEMEUED4 <sup>30</sup>	Stability and solubility       -       Solubility, dissolution and mem-brane       permeability       -			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid Naphthalene-1,5-disulfonic acid Resveratrol Tartaric acid D-tartaric acid D-tartaric acid Benzene 1,3,5 triol Fumaric acid Pyrazinamide 3-carboxy-4-hydroxybenzenesulfonic acid 3,4-dihydroxycinnamic acid 4-bydroxycinnamic acid 2-bydroxycinnamic acid 2-bydroxycinnamic acid 2-bydroxycinnamic acid 2-bydroxycinnamic acid 2-bydroxycinnamic acid 2-bydroxycinnamic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER0 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXROD <sup>25</sup> VAXRUJ <sup>25</sup> VEGHOH <sup>26</sup> VEGHUN <sup>26</sup> VOPQEZ <sup>27</sup> WETZAZ* WETZAZ01 <sup>*</sup> WETZAZ01 <sup>*</sup> WETZAZ03 <sup>6</sup> WIWNAU <sup>17,e</sup> YEVBAF <sup>28,a</sup> YIFXOB <sup>29</sup> FOSMIL02 <sup>30,a</sup> PEHFUF01 <sup>30</sup> DUMEOU <sup>30</sup> a,b	Stability and solubility  Stability and solubility			
Cinnamic acid Cinnamic acid 5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3dihydro- 4H-1-benzopyran-4-one 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalicylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid 4-aminosalycylic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid But-2-ynoic acid Benzene-1,2,4,5-tetracarboxylic acid Naphthalene-1,5-disulfonic acid Resveratrol Tartaric acid D-tartaric acid D-tartaric acid Benzene 1,3,5 triol Fumaric acid Pyrazinamide 3-carboxy-4-hydroxybenzenesulfonic acid 3,4-dihydroxycinnamic acid 2-hydroxycinnamic acid 2-hydroxycinnamic acid 2-hydroxycinnamic acid 2-hydroxycinnamic acid	SESTAN02 <sup>23,a,b,f</sup> UDUJIP <sup>*,c</sup> URUDER <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER01 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER02 <sup>24,a,f</sup> URUDER05 <sup>24,a,f</sup> URUDER05 <sup>24,a,b,f</sup> URUDER06 <sup>24,a,f</sup> URUDER06 <sup>24,a,f</sup> URUDER07 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> URUDER09 <sup>24,a,b,f</sup> VAXROD <sup>25</sup> VAXRUJ <sup>25</sup> VEGHOH <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VEGHUN <sup>26</sup> VETZAZ <sup>*</sup> WETZAZ01 <sup>*</sup> WETZAZ03 <sup>6</sup> WIWNAU <sup>17,e</sup> YEVBAF <sup>28,a</sup> FOSMIL02 <sup>30,a</sup> PEHFUF01 <sup>30</sup> PUMFOV <sup>30,a,b</sup> DIMFOV <sup>30,a,b</sup>	Stability and solubility       -       Solubility, dissolution and mem-brane       permeability       -			

3-hydroxycinnamic acid	PUMGOW <sup>30</sup>	
cinnamic acid	SETSAN03 <sup>30,a,b</sup>	

a = synthon type I, b = synthon type II, c = synthon type III, d = synthon type IV, e = synthon type V, F = synthon type VI.

## **Table S2** Co-crystal co-formers, CCDC ref codes, common synthons and physical properties addressed for multicomponent crystals of pyrazinamide.

3.6.4.hydroxy-3.methoxyphenyl)prop-2-enoic acid       ACOPDA <sup>31,1</sup> Solubility         3.4.hydroxy-3.methoxyphenyl)prop-2-enoic acid       ACOPUG <sup>31,1</sup> Solubility         4.nitrobenzamide       ASAYIC <sup>21,1</sup> -         2.Aminobenzoic acid       EGNUG <sup>531,1</sup> Solubility         6-chitor-3.4-dihydro-2H-1.2,4-benzothiadiazine-       -       -         7.suffonamide       I.1.dioxide       EGRIP <sup>92,8,1</sup> Solubility and dissolution rate         Hydrochorothiazide       EGENIP0 <sup>2,8,1</sup> Solubility and dissolution rate         Termozolomide       KUSED <sup>37,1</sup> -         Hexanedioic acid       KOVSEV <sup>38,0,1</sup> Solubility and dissolution rate         Decanedicia caid       KOVSEV <sup>38,0,1</sup> Solubility and dissolution rate         Termozolomide       KUSED <sup>37,1</sup> -         Hexanedioic acid       LATTOR <sup>2,8,0,1</sup> Solubility and dissolution rate         2.hydroxypropane-1,2,3-tricarboxylate       KOVSEV <sup>38,0,1</sup> Solubility and dissolution rate         2.hydroxypropane-1,2,3-tricarboxylate       LATTOR <sup>2,4,0,1</sup> Solubility and dissolution rate         2.hydroxybenzoic acid       LATTOR <sup>2,4,0,1</sup> Solubility and dissolution rate         2.hydroxybenzoic acid       NEFEM <sup>41,1</sup> -         4.hydroxybenzoic acid       NEFEE	Co-crystal former	CCDC ref code	Physical property addressed			
3-(4-httydroxy-3-methoxyphenyl)prop-2-enoic acid         ACOPUG <sup>3141</sup> ACOCAN <sup>311</sup> Solubility           p-foluene suffinite acid         ACOPUG <sup>3141</sup> Solubility           4-nitrobenzamide         ASAYIC <sup>321</sup> -           2-Aminobenzoic acid         EBONUQ <sup>381,4</sup> Solubility           6-chlore 3-4 chllydro-2H-12,4-benzothiadiazine- T-sufforamide 1,1-dioxide         EGENIP <sup>34,4</sup> Solubility and dissolution rate           Hydrochlorothiazide         EGENIP <sup>34,4</sup> Solubility and dissolution rate         Decanedio: acid           Hydrochlorothiazide         EGENIP <sup>34,4</sup> Solubility and dissolution rate           Decanedio: acid         KOVSEV <sup>38,8</sup> Solubility and dissolution rate           Prop-1-ene-1,2,3-tricarboxylic acid         KOVSEV <sup>38,8</sup> Solubility and dissolution rate           L'hydroxypropane-1,2,3-tricarboxylate         KOVSO <sup>28,8</sup> Solubility and dissolution rate           Succinic acid         LATTOR <sup>12,8,0,1</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>12,8,0,1</sup> Solubility         Solubility           2.4-dihydroxybenzoic acid         NEFFEM01 <sup>31,4</sup> Solubility         Solubility           2.4-dihydroxybenzoic acid         NEFFEM01 <sup>31,4</sup> Solubility         -           2.4-dihydroxybenzoic acid <td< td=""><td>3.5-dihydroxybenzoic acid</td><td>ACOPOA<sup>31,j</sup></td><td>Solubility</td></td<>	3.5-dihydroxybenzoic acid	ACOPOA <sup>31,j</sup>	Solubility			
p-foluene sulfonic acid         ACOANN <sup>31</sup> .         Solubility           4-mitrobenzanica         ASAYIC <sup>321</sup> .         -           2-Aminobenzoica acid         EBONUG <sup>33</sup> /J.K         -           6-chioro-3.4-dihydro-2H-1.2,4-benzothiadiazine-         FeBONUG <sup>33</sup> /J.K         -           F-sulfonamide 1.1-dioxide         EGENIP <sup>32,K</sup> Solubility and dissolution rate           Hydrochorothiazide         EGENIP <sup>32,K</sup> Solubility and dissolution rate           Hydrochorothiazide         EGENIP <sup>32,K</sup> Solubility and dissolution rate           Temozolomide         KUSED <sup>37</sup> .         -           Hexanedicic acid         KOVSIZ <sup>88</sup> Solubility and dissolution rate           Decanedicic acid         KOVSIZ <sup>88</sup> Solubility and dissolution rate           2-hydroxypropane-1.2,3-tricarboxylate         KOVSIZ <sup>88</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>12,3,1</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>12,3,1</sup> Solubility         anitrobenzoic acid           4-mitrobenzoic acid         NEFFEM <sup>11</sup> -         -           2,4-dihydroxybenzoic acid         NEFGEN <sup>13</sup> Solubility         2           2,6-dihydroxybenzoic acid         NEFGEN <sup>13</sup> Solubility         -	3-(4-hydroxy-3-methoxyphenyl)prop-2-enoic acid	ACOPUG <sup>31,i,j</sup>	Solubility			
4-nitrobenzamide       ASAYIC221       -         2-Aminobenzore acid       EBONUQ33U,kr       -         6-chioro-3,4-dihydro-2H-1,2,4-benzothiadiazine- T-sutforamide 1,1-dioxide       EGENIP94,k       Solubility and dissolution rate         Hydrochiorothiazide       EGENIP925k       Solubility and dissolution rate         Environment       KUSED37       -         Denzene-1,2,3-triol       HEDRAL9       Solubility and dissolution rate         Decanedicic acid       KOVSEV38a,h1       Solubility and dissolution rate         Decanedicic acid       KOVSEV38a,h1       Solubility and dissolution rate         Succinic acid       LATTUTC32,h1       Solubility and dissolution rate         Succinic acid       LATTUTC32,h1       Solubility and dissolution rate         succinic acid       LATTOR12,a,h1       Solubility and dissolution rate         Succinic acid       LATTOR12,a,h1       Solubility and dissolution rate         succinic acid       NUEPTERM131       -         2,4-dihydroxybenzoic acid       NEFFEM131       -         2,4-dihydroxybenzoic acid       NEFGEN01314       Solubility         2,4-dihydroxybenzoic acid       NUEPC924       -         2,4-dihydroxybenzoic acid       NUEFGEN1       -         2,4-dihydroxybenzoic acid       NUEFGEN1<	p-toluene sulfonic acid	ACOQAN <sup>31,</sup>	Solubility			
2-Aminobenzoic acid         EBONUG331/k         C           6-chioro-3.4-dihydro-2H-1,2,4-benzothiadiazine- 7-sultonamide 1,1-dioxde         EGENIP94x         Solubility and dissolution rate           Hydrochorothiazide         EGENIP018x         Solubility and dissolution rate           Hydrochorothiazide         EGENIP028x         Solubility and dissolution rate           Temozolomide         KUSED7         -           Hexanedioic acid         KOVSEV <sup>88,NA</sup> Solubility and dissolution rate           Decanedioic acid         KOVSEV <sup>88,NA</sup> Solubility and dissolution rate           Z-hydroxypropane-1,2,3-tricarboxylate         KOVSEV <sup>88,NA</sup> Solubility and dissolution rate           2-hydroxypropane-1,2,3-tricarboxylate         KOVSEV <sup>88,NA</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>12,a,N</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>12,a,N</sup> Solubility         Solubility           2,4-dihydroxybenzoic acid         NEFFEM1         Solubility         -           2,4-dihydroxybenzoic acid         NEFGEN1 <sup>31,4</sup> Solubility         -           2,4-dihydroxybenzoic acid         NEFGEN1 <sup>31,4</sup> Solubility         -           2,4-dihydroxybenzoic acid         NEFGEN1 <sup>31,4</sup> -         -	4-nitrobenzamide	ASAYIC <sup>32,i</sup>				
6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine- 7-suffonamide 1,1-dioxide         EGENIP93 <sup>k</sup> Solubility and dissolution           Hydrochiorothiazide         EGENIP02 <sup>8,k</sup> Solubility and dissolution rate           Hydrochiorothiazide         EGENIP02 <sup>8,k</sup> Solubility and dissolution rate           Denzene-1,2,3-trical         HEDRAL <sup>8</sup> Solubility and dissolution rate           Temozolomide         KUSSEV <sup>8,g,h</sup> Solubility and dissolution rate           Decanedioic acid         KOVSEV <sup>8,g,h</sup> Solubility and dissolution rate           Z-hydroxypropane-1,2,3-tricarboxylite         KOVSEV <sup>8,g,h</sup> Solubility and dissolution rate           Succinic acid         LATTOR1 <sup>4,g,h,h</sup> Solubility and dissolution rate           Succinic acid         LATTOR1 <sup>4,g,h,h</sup> Solubility and dissolution rate           Succinic acid         NUPVUE <sup>40,4,1</sup> Solubility and dissolution rate           Succinic acid         NUPVE <sup>41,4</sup> Solubility	2-Aminobenzoic acid	FBONUG <sup>33,i,j,k</sup>				
7-sulforamide 1,1-dioxide     EGENIP 015/k       Hydrochiorothiazide     EGENIP 015/k       Solubility and dissolution rate       Hydrochiorothiazide     EGENIP 025/k       Denzene-1,2,3-triol     HEDRAL <sup>38</sup> Solubility and dissolution rate       Terrozolomide     KUSED <sup>37</sup> .       Hexanedioic acid     KOVSEV <sup>38,9,11</sup> Decanedioic acid     KOVSEV <sup>38,9,11</sup> Decanedioic acid     KOVSEV <sup>38,9,11</sup> Solubility and dissolution rate       2-hydroxypropane-1,2,3-tricarboxylic acid     KOVSI2 <sup>38,9</sup> Solubility and dissolution rate       succinic acid     LATTICR <sup>128,11</sup> succinic acid     LATTOR1 <sup>39,9,11</sup> Solubility and dissolution rate       succinic acid     NEFFEM <sup>41</sup> 2.4-dihydroxybenzoic acid     NEFFEM <sup>41</sup> 2.4-dihydroxybenzoic acid     NEFFEM <sup>41</sup> 2.4-dihydroxybenzoic acid     NEFFEM <sup>41</sup> 2.6-dihydroxybenzoic acid     NEFGEN <sup>41</sup> 2.6-dihydroxybenzoic acid     NUFVC6 <sup>42</sup> 2.3-dihydroxybenzoic acid     NUFVC4 <sup>42</sup> 3.4-dihydroxybenzoic acid     NUVFVC4 <sup>43</sup> 3.4-dihydroxybenzoic acid     NUVFVC4 <sup>43</sup> 4-hydroxybenzoic acid     NUVFVC4 <sup>43</sup> 3.4-dihydroxybenzoic acid     RACFIN4 <sup>41</sup> 3.4-dihydroxybenzoic acid     REBXED <sup>47,41</sup> <td>6-chloro-3 4-dibydro-2H-1 2 4-benzothiadiazine-</td> <td>EGENIP<sup>34,k</sup></td> <td>Solubility and dissolution</td>	6-chloro-3 4-dibydro-2H-1 2 4-benzothiadiazine-	EGENIP <sup>34,k</sup>	Solubility and dissolution			
Hydrochlorothiazide         EGENIP018X         Solubility and dissolution rate           Hydrochlorothiazide         EGENIP025X         Solubility and dissolution rate           Hexanedio: acid         KUSSED7.         -           Hexanedio: acid         KOVSRR38,hJ         Solubility and dissolution rate           Decanedio: acid         KOVSRR38,hJ         Solubility and dissolution rate.           prop-1-ene-1,2,3-tricarboxylic acid         KOVSIZ8         Solubility and dissolution rate.           2-hydroxypropane-1,2,3-tricarboxylate         KOVSIZ8         Solubility and dissolution rate           Succinic acid         LATTOR1 <sup>28,hJ</sup> Solubility and dissolution rate           Succinic acid         LATTOR1 <sup>28,hJ</sup> Solubility and dissolution rate           Succinic acid         NETFEM1 <sup>311</sup> Solubility and dissolution rate           2,4-dihydroxybenzoic acid         NEFFEM1 <sup>311</sup> Solubility           2,4-dihydroxybenzoic acid         NEFGEN1 <sup>311</sup> Solubility           2,4-dihydroxybenzoic acid         NEFGEN1 <sup>313</sup> Solubility           2,4-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUVFV01 <sup>44,1</sup> -           4-hydroxybenzoic acid         NUVFV01 <sup>44,1</sup> -           3,4-dihydroxybenzoic aci	7-sulfonamide 1.1-dioxide					
Hýdrochlorothiazide         EGENIP02 <sup>35,k</sup> Solubility           benzen-1,2,3-triol         HEDRAL <sup>38</sup> Solubility and dissolution rate           Terrozolomide         KUSED <sup>7,</sup> -           Hexanedioic acid         KOVSAR <sup>36,0,1</sup> Solubility and dissolution rate           Decanedioic acid         KOVSE <sup>7,86,0,1</sup> Solubility and dissolution rate           Z-hydroxypropane-1,2,3-tricarboxylate         KOVSE <sup>7,86,0,1</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>12,8,1,1</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>12,8,1,1</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>12,8,1,1</sup> Solubility and dissolution rate           4-nitrobenzoic acid         NEFFEM <sup>41,1</sup> -           2,4-dihydroxybenzoic acid         NEFFEM <sup>41,1</sup> -           2,6-dihydroxybenzoic acid         NEFGEN4 <sup>11,1</sup> -           2,6-dihydroxybenzoic acid         NEFGEN4 <sup>11,1</sup> -           2,6-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           4-hydroxybenzoic acid         NUVFVO1 <sup>44,1</sup> -           4-hydroxybenzoic acid         NUVFVO1 <sup>44,1</sup> -           3,4-dihydroxybenzoic acid         NUVFVO1 <sup>44,1</sup> - <td>Hydrochlorothiazide</td> <td>EGENIP01<sup>8,k</sup></td> <td>Solubility and dissolution rate</td>	Hydrochlorothiazide	EGENIP01 <sup>8,k</sup>	Solubility and dissolution rate			
benzene-1,2,3-triol         HEDRAL <sup>36</sup> Solubility and dissolution rate           Temozolomide         KUVSER <sup>36,9,h</sup> Solubility and dissolution rate           Decanedioic acid         KOVSER <sup>36,9,h</sup> Solubility and dissolution rate           Drop-1-ene-1,2,3-tricarboxylic acid         KOVSER <sup>36,9,h</sup> Solubility and dissolution rate           2-hydroxypropane-1,2,3-tricarboxylate         KOVSEP <sup>36,0</sup> Solubility and dissolution rate           Succinic acid         LATTOR( <sup>139,9,h</sup> Solubility and dissolution rate           succinic acid         LATTOR( <sup>139,9,h</sup> Solubility and dissolution rate           Succinic acid         LATTOR( <sup>139,9,h</sup> Solubility and dissolution rate           4-nitrobenzoic acid         NEFFEM <sup>41,1</sup> -           2,4-dihydroxybenzoic acid         NEFFEM <sup>13,1</sup> Solubility           2,4-dihydroxybenzoic acid         NEFGEN <sup>41</sup> -           2,6-dihydroxybenzoic acid         NUFVCQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUFVCQ <sup>42</sup> -           4-hydroxybenzoic acid         NUVFVCQ <sup>43</sup> -           4-hydroxybenzoic acid         NUVFVC3 <sup>43</sup> -           4-hydroxybenzoic acid         NUVFVC3 <sup>43</sup> -           4-hydroxybenzoic acid         RESEXI <sup>47,1</sup>	Hydrochlorothiazide	EGENIP02 <sup>35,k</sup>	Solubility			
Temozolomide         KUSED <sup>37</sup> Columbra           Hexanedioic acid         KOVSAR <sup>38,9,h,I</sup> Solubility and dissolution rate           Decanedioic acid         KOVSEV <sup>38,9,h,I</sup> Solubility and dissolution rate           2-hydroxypopane-1,2,3-tricarboxylic acid         KOVSEV <sup>38,9,h,I</sup> Solubility and dissolution rate           2-hydroxypopane-1,2,3-tricarboxylate         KOVSOF <sup>38,0</sup> Solubility and dissolution rate           2-hydroxypopane-1,2,3-tricarboxylate         LATTICR <sup>12,9,h,I</sup> Solubility and dissolution rate           Succinic acid         LATTOR <sup>12,9,h,I</sup> Solubility and dissolution rate           Succinic acid         NUTCR <sup>12,9,h,I</sup> Solubility           2,4-dihydroxybenzoic acid         NEFFEM <sup>41,1</sup> -           2,4-dihydroxybenzoic acid         NEFGEN <sup>41</sup> -           2,6-dihydroxybenzoic acid         NEFGER <sup>41</sup> -           2,6-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUVFIV01 <sup>44,1</sup> -           3,4-dihydroxybenzoic acid         NUVFVO1 <sup>44,1</sup> -           3,4-dihydroxybenzoic acid         NUVFVO1 <sup>44,1</sup> -           3,4-dihydroxybenzoic acid         NUVFVO1 <sup>44,1</sup> -           3,4-dihydroxybenzoic acid         RESXD <sup></sup>	benzene-1,2,3-triol	HEDRAI <sup>36</sup>	Solubility and dissolution rate			
Hexanedioic acid         KOVSAR <sup>98,p,i</sup> Solubility and dissolution rate           Decanedioic acid         KOVSEV <sup>38,g,h,i</sup> Solubility and dissolution rate           Prop-1-en-1,2,3-tricarboxylic acid         KOVSIZ <sup>38</sup> Solubility and dissolution rate           Lyndroxypropane-1,2,3-tricarboxylate         KOVSIZ <sup>38</sup> Solubility and dissolution rate           fumaric acid         LATTIL <sup>12,q,h,i</sup> Solubility and dissolution rate           succinic acid         LATTORO <sup>12,g,h,i</sup> Solubility and dissolution rate           succinic acid         LATTORO <sup>12,g,h,i</sup> Solubility           2,4-dihydroxybenzoic acid         NEFFEM <sup>41</sup> -           2,6-dihydroxybenzoic acid         NEFGEN0 <sup>131,j</sup> Solubility           2,6-dihydroxybenzoic acid         NEFGEN0 <sup>131,j</sup> Solubility           2,3-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUVFV <sup>43,j</sup> -           4-hydroxybenzoic acid         NUVFV <sup>43,j</sup> -           4-hydroxybenzoic acid         NUVFV <sup>43,j</sup> -           3,4-dihydroxybenzoic acid         REXCIP <sup>44,j</sup> -           3,4-dihydroxybenzoic acid         REXCIP <sup>44,j</sup> -           4-hydroxybenzoic acid         REXCIP <sup>44,j</sup> -	Temozolomide	KIJSED <sup>37,</sup>	-			
Decanedioic acid         KOVSEV8.g.hl         Solubility and dissolution rate.           prop-1-ene-1,2,3-tricarboxylate         KOVSIZ <sup>98</sup> Solubility and dissolution rate           2-hydroxypropane-1,2,3-tricarboxylate         KOVSOF <sup>88,g</sup> Solubility and dissolution rate           1umaric acid         LATTICI <sup>12,3,hl</sup> Solubility and dissolution rate           succinic acid         LATTOR0 <sup>129,4,hl</sup> Solubility and dissolution rate           4-nitrobenzoic acid         MUDVUE <sup>40,0,hl</sup> Solubility and dissolution rate           2,4-dihydroxybenzoic acid         NEFFEM <sup>41,1</sup> -           2,4-dihydroxybenzoic acid         NEFGEN0 <sup>131,9</sup> Solubility           2,6-dihydroxybenzoic acid         NEFGEN0 <sup>131,9</sup> Solubility           2,6-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           4-hydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           4-hydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           3,4-dihydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           4-hydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           3,4-dihydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           4-hydroxybenzoic acid         REXEI <sup>47,1</sup> So	Hexanedioic acid	KOVSAR <sup>38,g,h,j</sup>	Solubility and dissolution rate			
Document         Document         Document           Drop-1-ene-1,2,3-tricarboxylate         KOVSIZ <sup>38</sup> Solubility and dissolution rate           Lydroxypropane-1,2,3-tricarboxylate         KOVSIZ <sup>38</sup> Solubility and dissolution rate           succinic acid         LATTICP4 <sup>12,3,11</sup> Solubility and dissolution rate           succinic acid         LATTOR1 <sup>12,3,11</sup> Solubility and dissolution rate           4-nitrobencic acid         MUDVU <sup>440,3,11</sup> Solubility and dissolution rate           2,4-dihydroxybenzoic acid         NEFFEM <sup>41,1</sup> -           2,6-dihydroxybenzoic acid         NEFGEN4 <sup>11</sup> -           2,6-dihydroxybenzoic acid         NEFGEN4 <sup>11</sup> -           2,6-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUVFVQ <sup>43</sup> -           4-hydroxybenzoic acid         NUVFIV01 <sup>44,1</sup> -           3,4-dihydroxybenzoic acid         NUVFV01 <sup>44,1</sup> -           3,4-dihydroxybenzoic acid         NUVFIV01 <sup>44,3</sup> -           3,4-dihydroxybenzoic acid         REBXCH <sup>71,4</sup> Solubility           3,4-dihydroxybenzoic acid         REBXCH <sup>71,4</sup> Solubility           3,4-dihydroxybenzoic acid         REBXCH <sup>71,4</sup> Solubility <t< td=""><td>Decanedioic acid</td><td>KOVSEV<sup>38,g,h,i</sup></td><td>Solubility and dissolution rate</td></t<>	Decanedioic acid	KOVSEV <sup>38,g,h,i</sup>	Solubility and dissolution rate			
2-hydroxypropane-1,2,3-tricarboxylate         KOVSOF38,0         Solubility and dissolution rate           fumaric acid         LATTIL <sup>12,8,1,1</sup> Solubility and dissolution rate           succinic acid         LATTOR(3 <sup>19,8,1,1</sup> )         Solubility and dissolution rate           succinic acid         LATTOR(3 <sup>19,8,1,1</sup> )         Solubility and dissolution rate           2,4-dihydroxybenzoic acid         NEFFEM01 <sup>31,1</sup> Solubility           2,4-dihydroxybenzoic acid         NEFGEN0 <sup>13,1</sup> Solubility           2,6-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUVFV0 <sup>44,1</sup> -           4-hydroxybenzoic acid         NUVFV0 <sup>144,1</sup> -           3,4-dihydroxybenzoic acid         NUVFV0 <sup>144,1</sup> -           3,4-dihydroxybenzoic acid         NUVFV0 <sup>144,1</sup> -           4-hydroxybenzoic acid         NUVFV0 <sup>144,1</sup> -           4-hydroxy-anethoxybenzoic acid         REXP(M <sup>47,1</sup> )         Solubility           4-hydroxy-anethoxybenzoic acid         REXEVV0 <sup>144,1</sup>	prop-1-ene-1 2 3-tricarboxylic acid	KOVSIZ <sup>38</sup>	Solubility and dissolution rate			
Evidency production factor         File independence           fumaric acid         LATTIL <sup>12,g,h,i</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>13,g,h,i</sup> Solubility and dissolution rate           succinic acid         LATTOR <sup>13,g,h,i</sup> Solubility and dissolution rate           4-nitrobenzoic acid         LATTOR <sup>13,g,h,i</sup> Solubility and dissolution rate           2,4-dihydroxybenzoic acid         NEFFEM <sup>11,i</sup> -           2,4-dihydroxybenzoic acid         NEFGEN <sup>41</sup> -           2,6-dihydroxybenzoic acid         NEFGER <sup>41</sup> -           2,3-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           4-hydroxybenzoic acid         NUVFIV <sup>43,i</sup> -           4-hydroxybenzoic acid         NUVFIV <sup>43,i</sup> -           3,4-dihydroxycoglobut-3-ene-1,2-dione         PAQNOM <sup>45,h</sup> -           theophylline         RACFIN <sup>46,i</sup> -         -           4-Hydroxy-2-anphthoic acid         REBXIH <sup>47,i</sup> Solubility           3,4-5Trihydroxybenzoic acid         REBXIH <sup>47,i</sup> Solubility           1H-Indole-2-actoxylic acid         REBXIH <sup>47,i</sup> Solubility           1Hydroxy-2-anphthoic	2-hydroxypropane-1 2 3-tricarboxylate	KOVSOF <sup>38,g</sup>	Solubility and dissolution rate			
Initial cald         EALTTOR (12,8,h)         Solubility and dissolution rate           succinic acid         LATTOR(12,8,h)         Solubility and dissolution rate           4-nitrobenzoic acid         MUDVUE40,94,i         Solubility           2,4-dihydroxybenzoic acid         NEFFEM(1,i)         -           2,4-dihydroxybenzoic acid         NEFFEM(1,i)         -           2,6-dihydroxybenzoic acid         NEFGEN(1,i)         -           2,6-dihydroxybenzoic acid         NEFGEN(1,i)         -           2,6-dihydroxybenzoic acid         NEFGEN(1,i)         -           2,6-dihydroxybenzoic acid         NUFVEQ42         -           3,4-dihydroxybenzoic acid         NUVFVQ144,i)         -           3,4-dihydroxybenzoic acid         RECFIN0146,i)         -           theophylline         RACFIN46,i)         -           1+bedoxybenzoic acid         REBXU147,i         Solubility	fumaric acid	I ATTII <sup>12</sup> ,g,h,i	Solubility and dissolution rate			
Bottomic acid         Ent TORC138.g.h.i         Solubility and dissolution rate           4-introbenzoic acid         MUDVUE <sup>40.g.i,i</sup> Solubility and dissolution rate           2,4-dihydroxybenzoic acid         NEFFEM <sup>41</sup> -           2,6-dihydroxybenzoic acid         NEFGEN <sup>41</sup> -           2,6-dihydroxybenzoic acid         NUFVEQ <sup>42</sup> -           3,4-dihydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           4-hydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           3-hydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           3-hydroxybenzoic acid         NUVFIV <sup>43,1</sup> -           4-hydroxybenzoic acid         RACFIN <sup>46,1</sup> -           4-hydroxybenzoic acid         RACFIN <sup>46,1</sup> -           4-hydroxy-s-methoxybenzoic acid         RESXED <sup>47,1,1</sup> Solubility           4-hydroxy-2-naphthoic acid         RESXIH <sup>47,1</sup> Solubility           1-Hydroxy-2-naphthoic acid         RESXIH <sup>47,1</sup> Solubility	succinic acid	LATTOR <sup>12,g,h,i</sup>	Solubility and dissolution rate			
Bottom Status         Dirt Not Status         Solubility           2.4-dihydroxybenzoic acid         NEFFEM41,i         -           2.4-dihydroxybenzoic acid         NEFFEM0131,i         Solubility           2.6-dihydroxybenzoic acid         NEFGEN0131,g         Solubility           2.6-dihydroxybenzoic acid         NEFGEN0131,g         Solubility           2.6-dihydroxybenzoic acid         NEFGEN0131,g         Solubility           2.3-dihydroxybenzoic acid         NEFGEN0131,g         Solubility           2.3-dihydroxybenzoic acid         NUSVEV242         -           3.4-dihydroxybenzoic acid         NUVFIV0144,i         -           4-hydroxybenzoic acid         NUVFIV0144,i         -           3.4-dihydroxybenzoic acid         NUVFIV0144,i         -           3.4-dihydroxybenzoic acid         NUVFIV0144,i         -           3.4-dihydroxybenzoic acid         REBXEP7,i,i         Solubility           3.4-dihydroxybenzoic acid         REBXEP47,i,i         Solubility           1-Hydroxy-3-methoxybenzoic acid         REBXEP47,i,i         Solubility           1-Hydroxy-2-naphthoic acid         REBXUH47,i         Solubility           1-Hydroxy-2-naphthoic acid         SAGEJ48         -           Glutaric acid         SHQR93,bi         Solubi	succinic acid	LATTOR0139,g,h,i	Solubility and dissolution rate			
1       Introduction       Interference         2.4-dihydroxybenzoic acid       NEFFEM01 <sup>31,j</sup> Solubility         2.6-dihydroxybenzoic acid       NEFGEN1 <sup>1</sup> -         2.6-dihydroxybenzoic acid       NEFGEN01 <sup>31,g</sup> Solubility         2.3-dihydroxybenzoic acid       NEFGEN01 <sup>31,g</sup> Solubility         2.3-dihydroxybenzoic acid       NUFVEQ42       -         3.4-dihydroxybenzoic acid       NUVFIV43,1       -         4-hydroxybenzoic acid       NUVFIV01 <sup>44,1</sup> -         3-hydroxybenzoic acid       NUVFIV01 <sup>44,1</sup> -         3-hydroxybenzoic acid       NUVFIV01 <sup>44,1</sup> -         3-hydroxybenzoic acid       NUVFO843       -         4-hydroxybenzoic acid       NUVFO843       -         4-hydroxybenzoic acid       RACFIN <sup>46,1</sup> -         14-bydroxy-3-methoxybenzoic acid       REBXD4 <sup>7,1,j</sup> Solubility         3,4-dihydroxybenzoic acid       REBXUH <sup>47,1</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUH <sup>47,1</sup> Solubility         1-Hydroxy-2-anpthroic acid       SAGE1/48       -         glutaric acid       SIHQACR <sup>39,6,h</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,6,1h</sup> -      S	4-nitrobenzoic acid	MUDVUE <sup>40,g,i,j</sup>	Solubility			
2.4 dihydroxybenzoic acid       NEFFEM01 <sup>31,j</sup> Solubility         2.6-dihydroxybenzoic acid       NEFGEN4 <sup>1</sup> -         2.6-dihydroxybenzoic acid       NEFGEN1 <sup>31,g</sup> Solubility         2.3-dihydroxybenzoic acid       NEFGIR <sup>41</sup> -         β-Cyclodextrin       NUFVEQ <sup>42</sup> -         3.4-dihydroxybenzoic acid       NUFVEQ <sup>42</sup> -         4-hydroxybenzoic acid       NUVFIV01 <sup>44,j</sup> -         3.4-dihydroxybenzoic acid       NUVFIV01 <sup>44,j</sup> -         3.4-dihydroxybenzoic acid       NUVFIV08 <sup>43</sup> -         3.4-dihydroxycbenzoic acid       NUVFIV01 <sup>44,j</sup> -         3.4-dihydroxycbenzoic acid       NUVFIV08 <sup>45</sup> a.h       -         theophylline       RACFIN01 <sup>46,j</sup> -         4-Hydroxy-3-methoxybenzoic acid       REBXLP4 <sup>77,j</sup> Solubility         3.4.5-Trihydroxybenzoic acid       REBXU <sup>47,1</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXU <sup>47,1</sup> Solubility         1-Hydroxy-2-naphthoic acid       SIBQOR <sup>39,h</sup> Solubility         1Hydroxybenzoic acid       SIBQOR <sup>39,h</sup> Solubility         1Hydroxybenzoic acid       SIBQOR <sup>39,h</sup> Solubility and dissolution rate         glutaric acid       SIHRAE <sup>34,g</sup>	2 4-dihydroxybenzoic acid					
2.4-dihydroxybenzoic acid       NEFGEN41       -         2.6-dihydroxybenzoic acid       NEFGEN41       -         2.6-dihydroxybenzoic acid       NEFGEN41       -         3.4-dihydroxybenzoic acid       NUFVEQ42       -         3.4-dihydroxybenzoic acid       NUFVEQ42       -         3.4-dihydroxybenzoic acid       NUVFUV433       -         4-hydroxybenzoic acid       NUVFIV433       -         3.4-dihydroxybenzoic acid       NUVF0144.1       -         3.hydroxybenzoic acid       NUVF0144.1       -         3.4-dihydroxyclobut-3-ene-1,2-dione       PAQNOM45.9.h       -         theophylline       RACFIN0146.10       -         4-Hydroxy-3-methoxybenzoic acid       REBXIH47.1       Solubility         3.4-5-Trihydroxybenzoic acid       REBXIH47.1       Solubility         1-H-Indole-2-carboxylic acid       REBXUH47       Solubility         1-Hydroxy-3-methoxyle acid       SAGBE.J48       -         glutaric acid       SIHQCR39.9.h       Solubility and dissolution rate         malonic acid       SIHRAE39.9       Solubility and dissolution rate         malonic acid       SIHRAE39.4       -         Sinapic acid       URUGIY24.9.h.i       -         2-(3.4-dihydroxyphenyl)-	2.4-dihydroxybenzoic acid		Solubility			
2.6-dihydroxybenzoic acid       NEFGEN01 <sup>31,9</sup> Solubility         2.3-dihydroxybenzoic acid       NEFGEN01 <sup>31,9</sup> Solubility         2.3-dihydroxybenzoic acid       NUFVEQ42       -         3.4-dihydroxybenzoic acid       NUVFIV43,1       -         4-hydroxybenzoic acid       NUVFIV01 <sup>44,1</sup> -         3.4-dihydroxybenzoic acid       RACFIN01 <sup>46,1,0</sup> -         theophylline       RACFIN01 <sup>46,1,0</sup> -         theophylline       RACFIN01 <sup>46,1,0</sup> -         4-Hydroxy-3-methoxybenzoic acid       REBXLP4 <sup>7,1,1</sup> Solubility         3,4-dihydroxybenzoic acid       REBXUH <sup>47,1</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUH <sup>47,1</sup> Solubility         1H-Indole-2-carboxylic acid       SAGBEJ <sup>48</sup> -         glutaric acid       SIHQR3 <sup>30,h</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       UZODUK <sup>50,g,h,1</sup> </td <td>2.6-dihydroxybenzoic acid</td> <td></td> <td>Solubility</td>	2.6-dihydroxybenzoic acid		Solubility			
2.3-dihydroxybenzoic acid     NEFGIR <sup>41</sup> -       β-Cyclodextrin     NUFVEQ <sup>42</sup> -       3.4-dihydroxybenzoic acid     NUSMIZ <sup>43</sup> -       4-hydroxybenzoic acid     NUVFIV4 <sup>3,1</sup> -       4-hydroxybenzoic acid     NUVFIV01 <sup>44,1</sup> -       3-hydroxybenzoic acid     NUVFIV01 <sup>44,1</sup> -       3-hydroxybenzoic acid     NUVFIV01 <sup>44,1</sup> -       3-hydroxybenzoic acid     NUVFOB <sup>43</sup> -       1teophylline     RACFIN01 <sup>46,1,0</sup> -       theophylline     RACFIN01 <sup>46,1,0</sup> -       1theophylline     REBXU <sup>47,1</sup> Solubility       1theophylline     REBXU <sup>47,1</sup> Solubility       1theophylline     Solubility     -	2.6 dibudroxybenzoic acid		Solubility			
2Syclotextin       NUFVEQ42       -         3.4-dihydroxybenzoic acid       NUFVEQ42       -         4-hydroxybenzoic acid       NUVFIV43.1       -         4-hydroxybenzoic acid       NUVFIV0144.1       -         3.hydroxybenzoic acid       NUVFIV0843       -         3.hydroxybenzoic acid       NUVFIV0144.1       -         3.hydroxybenzoic acid       NUVFIV0843       -         3.4-dihydroxycyclobut-3-ene-1,2-dione       PAQNOM45.g.h       -         theophylline       RACFIN146.1       -         theophylline       RACFIN146.1       -         4-Hydroxy-3-methoxybenzoic acid       REBXEIM <sup>47,1</sup> Solubility         3.4,5-Trihydroxybenzoic acid       REBXUH <sup>47,1</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUH <sup>47,1</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUT <sup>47</sup> Solubility         1-Hydroxy-2-naphthoic acid       SAGBEJ48       -         glutaric acid       SHQOR38.g.h       Solubility and dissolution rate         malonic acid       SHRAE39.9       Solubility and dissolution rate         malonic acid       UZODUK <sup>50.g.h,i</sup> -         4-aminosalicylic acid       UZODUK <sup>50.g.h,i</sup> -         2-(3,4-dihydroxy	2.3 dihydroxybonzoic acid		Solubility			
p-cyclobetanin       NOF VEQ -         3.4-dihydroxybenzoic acid       NUSMIZ43         4-hydroxybenzoic acid       NUVFIV0144,i         -       -         4-hydroxybenzoic acid       NUVFIV0144,i         -       -         3.4-dihydroxybenzoic acid       NUVFIV0144,i         -       -         3.4-dihydroxybenzoic acid       NUVFO83         -       -         theophylline       RACFIN46,i         -       -         theophylline       RACFIN46,i         -       -         theophylline       RACFIN1,i         3.4,5-Trihydroxybenzoic acid       REBXED47,i,j         3.4,5-Trihydroxybenzoic acid       REBXUT47         1-Hydroxy-2-naphthoic acid       REBXUT47         1-Hydroxy-2-naphthoic acid       SAGBEJ48         -       -         glutaric acid       SHRAE0149,k         malonic acid       SHRAE0149,k         Sinapic acid       UZODUK50,g,h,i         -       -         4-aminosalicylic acid       UZODUK50,g,h,i         -       -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       Solubility and dissolution         benzopyran-4-one       -	B Cyclodoxtrin		-			
3,4-dihydroxyberizoic acid     NUVFIV0144,i       4-hydroxybenzoic acid     NUVFIV0144,i       3-hydroxybenzoic acid     NUVFIV0144,i       3.4-dihydroxycyclobut-3-ene-1,2-dione     PAQNOM45,g,h       theophylline     RACFIN146,i       theophylline     RACFIN146,i       4-Hydroxybenzoic acid     REBXED47,i       3.4,5-Trihydroxybenzoic acid     REBXH47,i       3.4,5-Trihydroxybenzoic acid     REBXH47,i       3.4,5-Trihydroxybenzoic acid     REBXUT47       1-Hydroxy-2-naphthoic acid     REBXUT47       1H-Indole-2-carboxylic acid     REBXUT47       Solubility     Solubility       1H-Indole-2-carboxylic acid     SAGBEJ48       -     glutaric acid     SIHRAE0149,k       malonic acid     SIHRAE0149,k       Sinapic acid     UZODUK <sup>60,g,h,i</sup> -     -       4-aminosalicylic acid     UZODUK <sup>60,g,h,i</sup> -     -       6lutaric acid     VOLROG <sup>52,g,h,i</sup> -     -       -     VUTNAB53,K       -     -       -     -       -     VOLROG <sup>52,g,h,i</sup> -     -       -     -       -     -       -     -       -     -       -     - </td <td>2.4 dibudrovubonzojo poid</td> <td></td> <td>-</td>	2.4 dibudrovubonzojo poid		-			
4-hydroxybenzoic acid       NUVFIV0144,i       -         3-hydroxybenzoic acid       NUVFIV0144,i       -         3,4-dihydroxycyclobut-3-ene-1,2-dione       PAQNOM45,g,h       -         theophylline       RACFIN4 <sup>6,i</sup> -         theophylline       RACFIN4 <sup>6,i</sup> -         4-Hydroxy-3-methoxybenzoic acid       REBXED4 <sup>7,i</sup> ,i       Solubility         3,4,5-Trihydroxybenzoic acid       REBXLH4 <sup>7,i</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXLH4 <sup>7,i</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUT4 <sup>7</sup> Solubility         1H-Indole-2-carboxylic acid       REBXUT4 <sup>7</sup> Solubility         Hydrochloric acid       SIHQOR3 <sup>9,g,h</sup> Solubility and dissolution rate         glutaric acid       SIHRAE3 <sup>9,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE01 <sup>49,k</sup> -         Sinapic acid       URUGIY <sup>24,g,h,1</sup> -         0xalic acid       URUGIY <sup>24,g,h,1</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       UZODUK <sup>50,g,h,i</sup> -       -         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -       -         1,4-dibromo-			-			
Anydroxybenzoic acid       NOVFION       -         3-hydroxybenzoic acid       NUVFOB <sup>43</sup> -         3.4-dihydroxycyclobut-3-ene-1,2-dione       PAQNOM <sup>45,g,h</sup> -         theophylline       RACFIN <sup>46,i</sup> -         theophylline       RACFIN <sup>46,i</sup> -         4-Hydroxy-3-methoxybenzoic acid       REBXED <sup>47,i</sup> Solubility         3,4,5-Trihydroxybenzoic acid       REBXLH <sup>47,i</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUT <sup>47</sup> Solubility         1H-Indole-2-carboxylic acid       REBXUT <sup>47</sup> Solubility         Hydrochloric acid       SIHQOR <sup>39,g,h</sup> Solubility and dissolution rate         glutaric acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       UZCDUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VUTNAB <sup>53,k</sup> -       -         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -       -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXUB <sup>53,k</sup> -<	4-hydroxybenzoic acid		-			
3,4-dihydroxycyclobut-3-ene-1,2-dione       PAQNOM45.g.h       -         theophylline       RACFIN46.i       -         theophylline       RACFIN0146.i.g       -         4-Hydroxy-3-methoxybenzoic acid       REBXED47.i.j       Solubility         3,4,5-Trihydroxybenzoic acid       REBXLP47.i.j       Solubility         1-Hydroxy-2-naphthoic acid       REBXU147.j. Solubility       Solubility         1-Hydroxy-2-naphthoic acid       REBXU147       Solubility         1H-Indole-2-carboxylic acid       REBXU147       Solubility         Hydrochloric acid       SAGBEJ46       -         glutaric acid       SIHQOR39.g.h       Solubility and dissolution rate         malonic acid       SIHRAE <sup>39.g</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39.g</sup> Solubility and dissolution rate         malonic acid       URUGIY24.g.h.i       -         4-aminosalicylic acid       URUGIY24.g.h.i       -         0xalic acid       UZODUK <sup>50.g.h.j</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       WEDXOV <sup>54,i</sup> -       -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -       - <td>2 hydroxybenzeie asid</td> <td></td> <td>-</td>	2 hydroxybenzeie asid		-			
3.4-UniydroxyCyclobult-3-ene-1,2-dione       PACrNM <sup>110,93-10</sup> -         theophylline       RACFIN4 <sup>6,i,j</sup> -         4-Hydroxy-3-methoxybenzoic acid       REBXED <sup>47,i,j</sup> Solubility         3.4,5-Trihydroxybenzoic acid       REBXED <sup>47,i,j</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXU1 <sup>47,i,j</sup> Solubility         1H-Indole-2-carboxylic acid       REBXU1 <sup>47</sup> Solubility         Hydrochloric acid       SAGBEJ <sup>48</sup> -         glutaric acid       SIHQOR <sup>39,g,h</sup> Solubility and dissolution rate         malonic acid       SIHAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>19,g,h,i</sup> -         Sinapic acid       URUGIY <sup>24,g,h,i</sup> -         4-aminosalicylic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VOLROG <sup>52,g,h,i</sup> -         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -	2.4 dibudrovuovolobut 2 ono 1.2 diono		-			
Inteophylline       RACFIN0 <sup>146,i.9</sup> -         theophylline       RACFIN0 <sup>146,i.9</sup> -         4-Hydroxy-3-methoxybenzoic acid       REBXED <sup>47,i,j</sup> Solubility         3,4,5-Trihydroxybenzoic acid       REBXIH <sup>47,i</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUT <sup>47</sup> Solubility         1H-Indole-2-carboxylic acid       REBXUT <sup>47</sup> Solubility         Hydrochloric acid       SAGBEJ <sup>48</sup> -         glutaric acid       SIHQOR <sup>39,g,h</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>144,i</sup> -         4-aminosalicylic acid       URUGIY <sup>24,g,h,i</sup> -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VUTNAB <sup>53,k</sup> -         Glutaric acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXUB <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -	theophylling		-			
d-Hydroxy-3-methoxybenzoic acid       REBXED <sup>47,i,i,j</sup> Solubility         3,4,5-Trihydroxybenzoic acid       REBXIH <sup>47,i</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUT <sup>47</sup> Solubility         1H-Indole-2-carboxylic acid       REBXUT <sup>47</sup> Solubility         Hydrochloric acid       SAGBEJ <sup>48</sup> -         glutaric acid       SIHQOR <sup>39,g,h</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>14,i</sup> -         Sinapic acid       URUGIY <sup>24,g,h,i</sup> -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VILTNAB <sup>53,k</sup> -         6lutaric acid       VOLROG <sup>52,g,h,i</sup> -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability	theophylling		-			
4-hydroxy-3-hietroxybenzoic acid       REBXLIH <sup>47,i</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXIH <sup>47,i</sup> Solubility         1H-Indole-2-carboxylic acid       REBXUT <sup>47</sup> Solubility         Hydrochloric acid       REBXUT <sup>47</sup> Solubility         Hydrochloric acid       SAGBEJ <sup>48</sup> -         glutaric acid       SIHQQR <sup>39,g,h</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE01 <sup>49,k</sup> -         Sinapic acid       URUGIY <sup>24,g,h,i</sup> -         4-aminosalicylic acid       UZODUK <sup>50,g,h,i</sup> -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VOLROG <sup>52,g,h,i</sup> -         Glutaric acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -       -	4 Hydrovy 2 methovybonzeje sejd		- Solubility			
3.4,3-1111ydioxydenzoic acid       REBXIN <sup>14,0</sup> Solubility         1-Hydroxy-2-naphthoic acid       REBXUT <sup>47</sup> Solubility         1H-Indole-2-carboxylic acid       REBXUT <sup>47</sup> Solubility         Hydrochloric acid       SAGBE J <sup>48</sup> -         glutaric acid       SIHQOR <sup>39,g,h</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE01 <sup>49,k</sup> -         Sinapic acid       URUGIY <sup>24,g,h,i</sup> -         4-aminosalicylic acid       UZODUK <sup>50,g,h,i</sup> -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VOLROG <sup>52,g,h,i</sup> -         Glutaric acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXU <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXU <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability <td>2.4.5 Tribudrovubonzojo poid</td> <td></td> <td>Solubility</td>	2.4.5 Tribudrovubonzojo poid		Solubility			
1-Hydroxy-2-naphtinic acid       REBXON <sup>419,447</sup> Solubility         1H-Indole-2-carboxylic acid       REBXUT <sup>47</sup> Solubility         Hydrochloric acid       SAGBEJ <sup>48</sup> -         glutaric acid       SIHQQR <sup>39,1h</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,9</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>19,1h</sup> -         Sinapic acid       TIHSAH <sup>44,1</sup> -         4-aminosalicylic acid       UZODUK <sup>50,g,h,i</sup> -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VOLROG <sup>52,g,h,i</sup> -         Glutaric acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability	1 Hydrovy 2 pophtheia agid		Solubility			
Int-Indole-2-Caliboxylic acid       REBX01 <sup>-1/-</sup> Solubility         Hydrochloric acid       SAGBEJ48       -         glutaric acid       SIHQQR39.g.h       Solubility and dissolution rate         malonic acid       SIHRAE39.g       Solubility and dissolution rate         malonic acid       SIHRAE01 <sup>49,k</sup> -         Sinapic acid       SIHRAE01 <sup>49,k</sup> -         4-aminosalicylic acid       URUGIY <sup>24,g,h,i</sup> -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VOLROG <sup>52,g,h,i</sup> -         Glutaric acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability			Solubility			
Inydrochlonic acid       SAGDE1. <sup>10</sup> -         glutaric acid       SIHQOR <sup>39,g,h</sup> Solubility and dissolution rate         malonic acid       SIHRAE <sup>39,g</sup> Solubility and dissolution rate         malonic acid       SIHRAE01 <sup>49,k</sup> -         Sinapic acid       TIHSAH <sup>44,i</sup> -         4-aminosalicylic acid       URUGIY <sup>24,g,h,i</sup> -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       UZODUK <sup>50,g,h,i</sup> -         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability			Solubility			
glutalic acidSinQOR*39,9Solubility and dissolution ratemalonic acidSIHRAE39,9Solubility and dissolution ratemalonic acidSIHRAE0149,k-Sinapic acidTIHSAH44,i-4-aminosalicylic acidURUGIY24,9,h,i-oxalic acidUZODUK <sup>50,9,h,i</sup> -2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-VIHJII <sup>51,i</sup> Solubility and dissolutionbenzopyran-4-oneGlutaric acidVOLROG <sup>52,g,h,i</sup> -4-aminobenzoic acidVUTNAB <sup>53,k</sup> -1,4-dibromo-2,3,5,6-tetrafluorobenzeneWEDXOV <sup>54,i</sup> -1,2,4,5-tetrafluoro-3,6-diiodobenzeneWEDXUB <sup>54,i</sup> -2,5-dyhydroxybenzoic acidXAQQOW <sup>55</sup> -(E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability			- Solubility and dissolution rate			
Inationic acid       Sinkketors       Solubility and dissolution rate         malonic acid       SIHRAE0149,k       -         Sinapic acid       TIHSAH44,i       -         4-aminosalicylic acid       URUGIY24,g,h,i       -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VOLROG <sup>52,g,h,i</sup> -         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability			Solubility and dissolution rate			
Inablic acid       SinRAE01 total       -         Sinapic acid       TIHSAH44,i       -         4-aminosalicylic acid       URUGIY24,g,h,i       -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VOLROG <sup>52,g,h,i</sup> -         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability						
3inapic acid       11HSAH M       -         4-aminosalicylic acid       URUGIY24.g.h.i       -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1- benzopyran-4-one       VIHJII <sup>51,i</sup> Solubility and dissolution         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability	Sinania agid		-			
4-aminosancyne acid       UZODUK <sup>50,g,h,i</sup> -         oxalic acid       UZODUK <sup>50,g,h,i</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1- benzopyran-4-one       VIHJII <sup>51,i</sup> Solubility and dissolution         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability			-			
Oxalic acid       UZODUK <sup>OU3,1,1,1</sup> -         2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-       VIHJII <sup>51,i</sup> Solubility and dissolution         benzopyran-4-one       VULROG <sup>52,g,h,i</sup> -         Glutaric acid       VOLROG <sup>52,g,h,i</sup> -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability			-			
2-(3,4-dinydroxyphenyi)-3,5,7-trinydroxy-4H-1-       VIFJII <sup>31,1</sup> Solubility and dissolution         benzopyran-4-one       VUEROG <sup>52,g,h,i</sup> -         Glutaric acid       VUTNAB <sup>53,k</sup> -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability	Oxalic acid		-			
Glutaric acid       VOLROG <sup>52,g,h,i</sup> 4-aminobenzoic acid       VUTNAB <sup>53,k</sup> 1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> 1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> 2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup>	2-(3,4-ainyaroxyphenyi)-3,5,7-thnyaroxy-4H-1-	VIHJIISI,	Solubility and dissolution			
Glutaric acid       VOLROG-signer       -         4-aminobenzoic acid       VUTNAB <sup>53,k</sup> -         1,4-dibromo-2,3,5,6-tetrafluorobenzene       WEDXOV <sup>54,i</sup> -         1,2,4,5-tetrafluoro-3,6-diiodobenzene       WEDXUB <sup>54,i</sup> -         2,5-dyhydroxybenzoic acid       XAQQOW <sup>55</sup> -         (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-       XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability	Cluteria apid					
4-animoberization acid     VOTIVAD <sup>60,10</sup> 1,4-dibromo-2,3,5,6-tetrafluorobenzene     WEDXOV <sup>54,i</sup> 1,2,4,5-tetrafluoro-3,6-diiodobenzene     WEDXUB <sup>54,i</sup> 2,5-dyhydroxybenzoic acid     XAQQOW <sup>55</sup> (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-     XIPPAQ <sup>56</sup>			-			
1,4-ubromo-2,3,5,0-tetraindorobenzene     WEDXOV <sup>54,i</sup> 1,2,4,5-tetrafluoro-3,6-diiodobenzene     WEDXUB <sup>54,i</sup> 2,5-dyhydroxybenzoic acid     XAQQOW <sup>55</sup> (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-     XIPPAQ <sup>56</sup>	4-animoutenzoio aciu		-			
1,2,4,5-tetraindoro-3,6-dilodoberizene     WEDXOB <sup>34,1</sup> 2,5-dyhydroxybenzoic acid     XAQQOW <sup>55</sup> (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-     XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability	1,4-uibioino-2,3,3,0-letranuorobenzene		-			
Z,5-uyrlydroxyberizoic acid     XAQQOW <sup>30</sup> -       (E)-2-cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-     XIPPAQ <sup>56</sup> Solubility, dissolution rate and stability			-			
CE)-2-Cyano-3-(3,4-dinydroxy-b-nitrophenyi)-N,N- XIPPAQ <sup>50</sup> Solubility, dissolution rate and stability	Z, D-UYIIYUIOXYDENZOIC ACIO		- Colubility dissolution rate and state 34			
diethylpron-2-enamide	diethylpron-2-enamide					

4-carbohydrazide bis(but-2-enedioic	YEVBAF <sup>28,g,h</sup>	Solubility,	dissolution	and	mem-brane
acid)		permeabili	ty		

g = synthon type VII, h = synthon type VIII, i = synthon type IX, j = synthon type X, k = synthon type XI

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