

Chirality-Dependent Supramolecular Synthons based on the 1,3-Oxazolidin-2-one Framework: Chiral Drugs Mephenoxalone, Metaxalone and other 114 examples

Supporting information

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Table S1.
A sample of compounds with the skeleton of 1,3-oxazolidin-2-one used in this work.

No.	Refcode	Chemical name, synonyms	Ref.
1	ADIDUO	5-(4-Bromobenzoyl)-4-phenyl-1,3-oxazolidin-2-one	1
2	AKUXOT	(S)-4-(4-(Benzyloxy)benzyl)oxazolidin-2-one	2
3	ANCLEU	N-Carboxy-L-leucine anhydride	3
4	APOBAJ	(4S,5S)-(5-(4-nitrophenyl)-2-oxo-1,3-oxazolidin-4-yl)methyl 2,2-dichloroacetate	4
5	AXOGAW	5-((3,5-Dimethylphenoxy)methyl)-1,3-oxazolidin-2-one, Metaxalone; Skelaxin; DrugBank: DB00660	5
6	AXOGAW01	5-((3,5-Dimethylphenoxy)methyl)-1,3-oxazolidin-2-one, Metaxalone; Skelaxin; DrugBank: DB00660	5
7	BEFPUY	4,7a-Dimethyl-1,3a,4,7a-tetrahydro-2H-pyrano[4,3-d][1,3]oxazol-2-one	6
8	CEMDAB	5-(But-3-en-2-yl)-4-(2-(((t-butyl(dimethyl)silyl)oxy)ethyl)-1,3-oxazolidin-2-one	7
9	CEWWEG10	5,5-Diphenyl-1,3-oxazolidine-2,4-dione	8
10	CIDTOY	N-Carboxy-L-valine anhydride	9
11	CIVROR	5-Methoxy-5-methyl-4-(phenylethynyl)-1,3-oxazolidin-2-one	10
12	CUPJIG01	(S)-5-(Chloromethyl)-1,3-oxazolidin-2-one	11
13	EFEJII	anti-5-Benzoyl-4-phenyloxazolidin-2-one	12
14	EYESIK	(1R*,4R*,5R*,6S*,7S*)-2-Butyl-5-(t-butyl dimethylsilyloxy)-4,6-dimethyl-8-aza-10-oxabicyclo(5.3.0)dec-2-en-9-one	13
15	FARPUK	(R)-4-Phenyl-1,3-oxazolidin-2-one	14
16	FASZIJ	rac-4-Phenyl-1,3-oxazolidin-2-one.	14
17	FEKDEH	9,9-Dimethyl-3-oxa-5-azatricyclo[6.1.1.0 ^{2,6}]decan-4-one	15
18	GUXXII	4-((4-Bromophenyl)(chloro)methyl)-1,3-oxazolidin-2-one	16
19	HACFOG	7-Oxa-9-azabicyclo(4.3.0)oct-3-en-8-one	17
20	HAGPUD	(4R*,5R*)-4-Cyclohexyl-5-(morpholin-4-ylmethyl)-1,3-oxazolidin-2-one	18
21	IDULUP	p-Tolyl 3-amino-3-N,4-O-carbonyl-2,3,6-trideoxy-1-thio- α -L-lyxo-hexopyranoside	19

22	IKIDAH	N-Carboxy-DL-leucine anhydride; 4-Isobutyl-1,3-oxazolidine-2,5-dione	20
23	IMUGED	(3aS*,5R*,6S*,6aS*)-6-Hydroxy-N-(3-hydroxypropyl)-2-oxohexahydro-2H-cyclopenta[d]oxazole-5-carboxamide	21
24	ITAMUN	2,9,9-Trimethyl-3-oxa-5-azatricyclo[6.1.1.0 ^{2,6}]decan-4-one	22
25	KAZVIT	4-[(Benzylsulfanyl)(phenyl)methyl]-1,3-oxazolidin-2-one	23
26	KAZVOZ	4-[Methoxy(4-nitrophenyl)methyl]-1,3-oxazolidin-2-one	23
27	KETNOO	5-(Chloromethyl)-5-(4-chlorophenyl)-1,3-oxazolidin-2-one	24
28	KIJHIX	9b-Methoxyoctahydro-4H-[1]benzothiopyrano[3,4-d][1,3]oxazol-2(3H)-one	25
29	KIQTEJ	threo-4-(Chloro(phenyl)methyl)-1,3-oxazolidin-2-one	26
30	KIXSUF	N-Carboxy-L-phenylalanine anhydride 4-Benzyl-1,3-oxazolidine-2,5-dione	27
31	KOYNUH	trans-5-(n-Heptyl)-4-(1-iodovinyl)-2-oxazolidinone	28
32	KULHAC	(4R*,5S*)-5-Benzhydryl-4-methyloxazolidin-2-one	29
33	LIBHOU	N-((S)-(2-(Allyloxy)-4-methoxyphenyl)((S)-2-oxo-oxazolidin-4-yl)methyl)-2,2,2-trichloroacetamide	30
34	LIPHUN	S-(-)-4-Benzyl-2-oxazolidinone	31
35	LIPHUN01	4-Benzyloxazolidin-2-one	32
36	LIQBOD	cis-(4S,5S)-4-(p-Tolylthiocarbonyl)-5-methyloxazolidin-2-one	33
37	LIQFIB	trans-(4S,5R)-4-Methyl-5-(p-tolylthiocarbonyl)oxazolidin-2-one	33
38	LIRMIJ	(4S)-4-(4-Methoxybenzyl)-1,3-oxazolidin-2-one	34
39	MAMSOK	(R)-4-((4S,5R)-5-(4-bromophenyl)-2,2-dimethyl-1,3-dioxolan-4-yl)oxazolidin-2-one	35
40	MANGE0	N-(N-((4S,5R)-4-Benzyl-1,3-oxazolidin-2-one-5-carbonyl)piperidine-4-carbonyl)-(R)-1-phenylethyl amide	36
41	MAZSEN	(R)-5-Mesityloxazolidin-2-one	37
42	MEYWEU	3a,10b-Dihydro[1,3]dioxolo[6,7]naphtho[2,1-d][1,3]oxazol-2(3H)-one	38
43	MIHXIL	4-(2-(Benzyl(methyl)amino)propan-2-yl)-1,3-oxazolidin-2-one	39
44	MUXLUN	cis-4-(Hex-1-en-2-yl)-5-isopropyl-1,3-oxazolidin-2-one	40
45	NASWOW	(3-Methylphenyl)(2-oxo-1,3-oxazolidin-4-yl)methyl 4-(trifluoromethyl)benzoate	41
46	NASWUC	(3-Methylphenyl)(2-oxo-1,3-oxazolidin-4-yl)methyl 4-(trifluoromethyl)benzoate diethylamine	41
47	NORJEK	4-(4-Ethoxybenzyl)-1,3-oxazolidin-2-one	42
48	OQOHOT	(E)-4-(4-(2-Hydroxybenzylideneamino)benzyl)oxazolidin-2-one	43
49	OXAZIL11	2-Oxazolidinone	44
50	OXEJAD	2-Oxo-4-phenyloxazolidine-5-carboxylic acid methyl ester	45
51	PEKZUB	5,5-Dimethyl-4-[(4'-vinyl-1,1'-biphenyl-4-yl)methyl]-1,3-oxazolidin-2-one	46
52	PENWEL	rac-(4S,5R,2S)-4-(3-Bromobenzyl)-5-(4-(2,4-dichlorophenyl)-2-(4-fluorobenzenesulfonyl)butyl)-1,3-oxazolidin-2-one	47
53	PIWLEO	(5R,6S)-6-Fluoro-3-oxa-1-azaspiro[4.5]decan-2-one	48
54	QEFJAP	3,3,9,9-tetramethyl-2,2-bis(propan-2-yl)-1,8-dioxa-6-aza-2-silaspiro[4.4]nonan-7-one	49
55	QEFJUI	(3aR,6aR)-6-(triisopropylsilyl)-2,3-dihydro-4H-3a,6a-(epoxymethanoimino)cyclopenta[b]furan-8-one	49
56	QINBEU	4,4'-bis(oxazolidinone), 4,4'-bi(2-oxooxazolidine)	50
57	QOMLOV	(R)-4-((3aS,4R,6aR)-2,2-Dimethyltetrahydrofuro[3,4-d][1,3]dioxol-4-yl)-1,3-oxazolidin-2-one	51

58	QUFHII	(4RS,5SR,1'RS)-4-(1-Chloro-1-phenylmethyl)-5-methyl-1,3-oxazolidin-2-one	52
59	QUFHOO	(1RS,2SR,6RS)-9-Aza-2-chloro-7-oxabicyclo(4.3.0)nonan-8-one	52
60	QUFHUU	(1RS,2RS,8SR)-2-Chloro-9-oxa-11-azabicyclo(6.3.0)undec-5-en-10-one	52
61	QUFJAC	(1RS,2RS,3RS)-2-Chloro-9-oxa-11-azabicyclo(6.3.0)undec-5-en-10-one	52
62	QUFJEG	4-(4-n-Butyltetrahydro-3-furyl)-1,3-oxazolidin-2-one	52
63	QUFJIK	(Z)-4-(1-Chloro-1-phenylmethylidene)-5-propyl-1,3-oxazolidin-2-one	52
64	QUFJOQ	(Z)-5-Cyclohexyl-4-(1-(2,2-dimethylpropylidene))-5-ethoxy-1,3-oxazolidin-2-one	52
65	RADCOR	4-sec-Butyl-5-(4-iodopent-3-en-2-yl)-1,3-oxazolidin-2-one	53
66	RADCUX	5-(4-iodopent-3-en-2-yl)-4-methyl-1,3-oxazolidin-2-one	53
67	RAGNOC	2'-Oxo-3,4,6-tri-O-pivaloyl-1,2-dideoxy- α -D-glucopyranosidol(1,2:5',4') oxazolidine	54
68	RESSUD	N-Carboxy-DL-phenylalanine anhydride	55
69	RIWSIZ	4,5-Dihydro-4-(1-iodoethyl)-4-methyl-3H-1,3-oxazol-2-one	56
70	ROBPEF	4-(4-Methoxyphenyl)-5-vinyl-1,3-oxazolidin-2-one	57
71	RUHKAH	(Z)-4-Benzylidene-3-oxa-1-azaspiro[4.5]decan-2-one	58
72	SAWDUQ	4-Benzyl-5-ethenyloxazolidin-2-one	59
73	SOBNED	rac-4-Isopropyloxazolidin-2-one	60
74	SOGJUU	(S)-4-Isopropyloxazolidin-2-one	60
75	SOHRIQ01	Benzyl (1,2,3,4-tetrahydro-2,5-dioxo-1,3-oxazol-4-yl)acetate; N-Carboxy-L-aspartic anhydride benzyl ester	61
76	TAJFAM	syn-4-Methyl-5-(1-phenylsulfanylcyclohexyl)-1,3-oxazolidin-2-one	62
77	TEWHIM	($\pm$)-4-(t-Butoxycarbonyl)-5-isopropyl-4-methyloxazolidin-2-one	63
78	TITHOT	Ethyl 4-methoxy-5,5-dimethyl-2-oxo-oxazolidine-4-carboxylate	64
79	TUHYUR	4-(6-(Benzyloxy)-2,2-dimethyltetrahydrofuro[2,3-d][1,3]dioxol-5-yl)-2-oxo-1,3-oxazolidine-4-carboxamide	65
80	UBAZAA	Methyl 5-(4-methoxyphenyl)-2-oxo-1,3-oxazolidine-4-carboxylate	66
81	UCOLAZ	4-(α -Hydroxybenzyl)-1,3-oxazolidin-2-one	67
82	UGEBOX	2-Acetoxy-1-phenylsulfonyl-3-(methyl carbamato-C,N)indoline acetone solvate	68
83	UGECAK	6-Methoxy-1-aza-3-oxaspiro(4.4)nonan-2-one	69
84	UGICIW	(R)-5-(4-Chlorophenyl)-2-oxooxazolidine-5-carboxylic acid ethyl ester	70
85	VALFEW	(E)-5-Benzylidene-1,3-oxazolidin-2-one	71
86	VEPWUJ	4-Bromohexahydro-2(3H)-benzoxazolinone	72
87	VIJZEV	7-(1-((4-Methylphenyl)sulfonyl)-1H-pyrrol-2-yl)-3-oxa-1-azaspiro[4.4]nonan-2-one	73
88	VINMUB	(1'S*,4S*)-4-(azido(cyclohexyl)methyl)oxazolidin-2-one	74
89	VIPJOV	7,10,10,16-Tetramethyl-16-vinyl-13-oxa-7,15-diazahexacyclo[7.6.3.1 ^{2,6} .0 ^{1,12} .0 ^{9,19} .0 ^{11,18}]nonadeca-2(19),3,5-triene-8,14,17-trione	75
90	VISVIF	4-(4-{[(2-Oxo-1,3-oxazolidin-5-yl)methyl]amino}phenyl)morpholin-3-one	76
91	WANRAE	(4S,5S)-4-Methyl-5-phenyl-1,3-oxazolidin-2-one	77
92	WAVNOZ	5-t-Butylhexahydro-1,3-benzoxazol-2(3H)-one	78
93	WAVNUF	5-Methyl-4-phenyl-1,3-oxazolidin-2-one	78
94	WEQFIK	4-benzyl-4-methoxy-5,5-dimethyl-1,3-oxazolidin-2-one	79
95	WIKCUO	N-Carboxy-DL-valine anhydride,	80

		DL-valine NCA	
96	WISNEU	5S-((3,5-Dimethylphenoxy)methyl)-1,3-oxazolidin-2-one, S-Metaxalone, (S)-3	81
97	WOYSOS	(4S,5S)-4-Methyl-5-(4-tolylthiocarbonyl)oxazolidin-2-one	82
98	WOYTAF	(4RS,5RS)-4-Benzyl-5-(4-tolylthiocarbonyl)oxazolidin-2-one	83
99	XAGVIN	4-(((t-Butyl(dimethyl)silyl)oxy)methyl)-4-cyclobutyl-5-(2-methyloxiran-2-yl)-1,3-oxazolidin-2-one	84
100	XALQIN	Benzyl (2,5-dioxo-1,3-oxazolidin-4-yl)acetate	85
101	XATROZ	5-Benzylmethyl-4-(2,2-dimethylpropylidene)-5-(1-cyclopropylethoxy)-oxazolidin-2-one	86
102	XENLAE	Ethyl 4-(((5-methyl-2-oxo-1,3-oxazolidin-4-yl)carbonyl)amino)benzoate	87
103	XICPUU	Spiro(1,7,7-trimethylbicyclo(2.2.1)heptane-2,5'-oxazolidin-2'-one)	88
104	XIVKIZ	N-e-t-Butyloxycarbonyl-L-lysine N-carboxyanhydride	89
105	XOGBUQ	4-Isopropyl-5,5-diphenyl-1,3-oxazolidin-2-one	90
106	XOGQIV	4-(1-Fluoro-1-phenylethyl)-1,3-oxazolidin-2-one	91
107	XORBOV	(4S)-Methyl-(5R)-(3-phenylpropyl)oxazolidin-2-one	92
108	XOXRIN	L-isoleucine N-carboxy anhydride; 4-sec-butyl-1,3-oxazolidine-2,5-dione	93
109	XOYFIA	2,2-Dimethyldihydro-2'H-spiro-(1,3-dioxolo(4,5-c)pyran-6,5'-(1,3)-oxazolidine)-2',7(4H)-dione	94
110	YAGMEB	5-(2-(5-(but-1-en-1-yl)-2,3,3a,4,5,7a-hexahydro-1H-inden-4-yl)ethyl)-4-methyl-1,3-oxazolidin-2-one	95
111	YIPHOW	(4S,5R)-t-Butyl 2-oxo-5-phenyl-1,3-oxazolidine-4-carboxylate	96
112	YIPTAU	t-Butyl 2-oxo-4-phenyl-1,3-oxazolidine-5-carboxylate	96
113	YISQIC	7a-(1,3-Benzodioxol-5-yl)-4,5-dihydroxy-6,7-bis(methoxymethoxy)hexahydro-1,3-benzoxazol-2(3H)-one	97
114	YOBQAH	5-Methylene-oxazolidin-2-one	98
115	YOCBEY	rel-(1S,8S,6E,pR)-11-Oxa-9-azabicyclo[6.3.0]undec-6-en-10-one	99
116	ZECJOG	5-Hexyl-4-(trifluoromethyl)oxazolidin-2-one	100
117	ZOKQUN	(+)-(4R,5S)-4-Benzyl-5-((4S,5R)-2,2-dimethyl-5-phenyl-[1,3]dioxolan-4-yl)-1,3-oxazolidin-2-one	101
118	<i>rac</i> -3	<i>rac</i> -5-(2-methoxyphenoxy)methyl-2-oxazolidinones, <i>rac</i> -Mephenoxalone	*
119	(<i>R</i>)-3	(<i>R</i>)-5-(2-methoxyphenoxy)methyl-2-oxazolidinones, (<i>R</i>)-Mephenoxalone	*

* This Work.

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Table S2.**Racemic oxazolidinone derivatives.**

No.	Refcode	Space group	Z'	Motif
1	QUFJEG	P -1 (2)	1	<i>ht-R</i> ₂ ² (8)
2	QUFJOQ	P -1 (2)	1	<i>ht-R</i> ₂ ² (8)
3	RIWSIZ	P -1 (2)	1	<i>ht-R</i> ₂ ² (8)
4	UGEBOX	P -1 (2)	1	<i>ht-R</i> ₂ ² (8)
5	AXOGAW01	P 2 ₁ /c (14)	1	<i>ht-R</i> ₂ ² (8)
6	CIVROR	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
7	EYESIK	P 2 ₁ /a (14)	1	<i>ht-R</i> ₂ ² (8)
8	HAGPUD	P 2 ₁ /c (14)	1	<i>ht-R</i> ₂ ² (8)
9	IKIDAH	P 2 ₁ /a (14)	1	<i>ht-R</i> ₂ ² (8)
10	KIQTEJ	P 2 ₁ /a (14)	1	<i>ht-R</i> ₂ ² (8)
11	MIHXIL	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
12	NASWOW	P 2 ₁ /c (14)	1	<i>ht-R</i> ₂ ² (8)
13	QUFHOO	P 2 ₁ /c (14)	1	<i>ht-R</i> ₂ ² (8)
14	QUFHUU	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
15	QUFJAC	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
16	QUFJIK	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
17	RUHKAH	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
18	SAWDUQ	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
19	SOBNED	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
20	UCOLAZ	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
21	VEPWUJ	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
22	XAGVIN	P 2 ₁ /c (14)	1	<i>ht-R</i> ₂ ² (8)
23	XATROZ	P 2 ₁ /c (14)	1	<i>ht-R</i> ₂ ² (8)
24	XOGQIV	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
25	YISQIC	P 2 ₁ /c (14)	1	<i>ht-R</i> ₂ ² (8)
26	YOBQAH	P 2 ₁ /c (14)	1	<i>ht-R</i> ₂ ² (8)
27	YOCBEY	P 2 ₁ /n (14)	1	<i>ht-R</i> ₂ ² (8)
28	ZECJOG	C 2/c (15)	1	<i>ht-R</i> ₂ ² (8)
29	XALQIN	P b c a (61)	1	<i>ht-R</i> ₂ ² (8)
30	KULHAC	P -1 (2)	2	<i>ht-R</i> ₂ ² (8):A <i>ht-R</i> ₂ ² (8):B
31	TEWHIM	P -1 (2)	2	<i>ht-R</i> ₂ ² (8):A <i>ht-R</i> ₂ ² (8):B
32	WOYTAF	P 2 ₁ /c (14)	2	<i>ht-R</i> ₂ ² (8):A <i>ht-R</i> ₂ ² (8):B
33	TITHOT	P 2 ₁ /a (14)	2	<i>ht-R</i> ₂ ² (8):A/B
34	QEFJAP	P 2 ₁ 2 ₁ 2 ₁ (19)	2	<i>ht-R</i> ₂ ² (8):A/B
35	QEFJUI	P 2 ₁ 2 ₁ 2 ₁ (19)	2	<i>ht-R</i> ₂ ² (8):A/B
36	WAVNUF	P n a 2 ₁ (33)	2	<i>ht-R</i> ₂ ² (8):A/B
37	PENWEL	C 2/c (15)	1	<i>hm-R</i> ₂ ² (8)
38	QUFHII	I b a 2 (45)	1	<i>hm-R</i> ₂ ² (8)

39	CEWWEG10	P 2 ₁ /c (14)	1	<i>hm</i> -C(4)
40	IMUGED	P 2 ₁ /a (14)	1	<i>hm</i> -C(4)
41	KOYNUH	P 2 ₁ /a (14)	1	<i>hm</i> -C(4)
42	NASWUC	P 2 ₁ /n (14)	1	<i>hm</i> -C(4)
43	OXAZIL11	P 2 ₁ /c (14)	1	<i>hm</i> -C(4)
44	UGECAK	P 2 ₁ /c (14)	1	<i>hm</i> -C(4)
45	VALFEW	P 2 ₁ /n (14)	1	<i>hm</i> -C(4)
46	WAVNOZ	P 2 ₁ /c (14)	1	<i>hm</i> -C(4)
47	FASZIJ	P n a 2 ₁ (33)	1	<i>hm</i> -C(4)
48	AXOGAW	P -1 (2)	2	<i>hm</i> -C ₂ ² (8):A/B
49	EFEJIJ	P 2 ₁ /c (14)	1	<i>ht</i> -C(4)
50	MUXLUN	P 2 ₁ /a (14)	1	<i>ht</i> -C(4)
51	WIKCUO	P c a 2 ₁ (29)	1	<i>ht</i> -C(4)
52	<i>rac</i> -3	P c a 2 ₁ (29)	1	<i>ht</i> -C(4)
53	RESSUD	P n a 2 ₁ (33)	2	<i>ht</i> -C(4):A <i>ht</i> -C(4):B

Table S3.
Enantiomeric oxazolidinone derivatives.

No.	Refcode	Space group	Z'	Motif
1	ADIDUO	P 2 ₁ (4)	1	<i>hm</i> -C(4)
2	APOBAJ	P 2 ₁ (4)	1	<i>hm</i> -C(4)
3	FARPUK	P 2 ₁ (4)	1	<i>hm</i> -C(4)
4	GUXXII	P 2 ₁ (4)	1	<i>hm</i> -C(4)
5	KAZVOZ	P 2 ₁ (4)	1	<i>hm</i> -C(4)
6	KIJHIX	P 2 ₁ (4)	1	<i>hm</i> -C(4)
7	LIPHUN	P 2 ₁ (4)	1	<i>hm</i> -C(4)
8	LIPHUN01	P 2 ₁ (4)	1	<i>hm</i> -C(4)
9	LIQBOD	P 2 ₁ (4)	1	<i>hm</i> -C(4)
10	LIQFIB	P 2 ₁ (4)	1	<i>hm</i> -C(4)
11	OQOHOT	P 2 ₁ (4)	1	<i>hm</i> -C(4)
12	OXEJAD	P 2 ₁ (4)	1	<i>hm</i> -C(4)
13	UBAZAA	P 2 ₁ (4)	1	<i>hm</i> -C(4)
14	UGICIW	P 2 ₁ (4)	1	<i>hm</i> -C(4)
15	VIJZEV	P 2 ₁ (4)	1	<i>hm</i> -C(4)
16	VINMUB	P 2 ₁ (4)	1	<i>hm</i> -C(4)
17	WANRAE	P 2 ₁ (4)	1	<i>hm</i> -C(4)
18	XIVKIZ	P 2 ₁ (4)	1	<i>hm</i> -C(4)
19	XORBOV	P 2 ₁ (4)	1	<i>hm</i> -C(4)
20	YAGMEB	P 2 ₁ (4)	1	<i>hm</i> -C(4)
21	(<i>R</i>)- 3	P 2 ₁ (4)	1	<i>hm</i> -C(4)
22	ANCLEU	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
23	BEFPUY	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
24	CIDTOY	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
25	FEKDEH	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
26	HACFOG	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
27	IDULUP	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
28	ITAMUN	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
29	KAZVIT	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
30	KIXSUF	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
31	MAMSOK	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
32	MANGEO	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
33	NORJEK	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
34	PIWLEO	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
35	QINBEU	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
36	QOMLOV	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
37	RADCOR	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
38	ROBPEF	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
39	SOGJUU	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
40	SOHRIQ01	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
41	TAJFAM	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
42	TUHYUR	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
43	VISVIF	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)
44	WISNEU	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm</i> -C(4)

45	WOYSOS	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm-C(4)</i>
46	XENLAE	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm-C(4)</i>
47	XOGBUQ	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm-C(4)</i>
48	XOXRIN	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm-C(4)</i>
49	XOYFIA	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm-C(4)</i>
50	YIPHOW	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm-C(4)</i>
51	YIPTAU	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm-C(4)</i>
52	ZOKQUN	P 2 ₁ 2 ₁ 2 ₁ (19)	1	<i>hm-C(4)</i>
53	VIPJOV	P 4 ₃ (78)	1	<i>hm-C(4)</i>
54	AKUXOT	P 2 ₁ (4)	2	<i>hm-C(4):A</i> <i>hm-C(4):B</i>
55	CUPJIG01	P 2 ₁ (4)	2	<i>hm-C(4):A</i> <i>hm-C(4):B</i>
56	RADCUX	P 2 ₁ (4)	2	<i>hm-C₂²(8):A/B</i>
57	LIRMIJ	P 2 ₁ 2 ₁ 2 ₁ (19)	2	<i>hm-C₂²(8):A/B</i>
58	MEYWEU	P 2 ₁ 2 ₁ 2 ₁ (19)	2	<i>hm-C₂²(8):A/B</i>
59	CEMDAB	P 1 (1)	4	<i>hm-C₂²(8):A/B</i>
				<i>hm-C₂²(8):C/D</i>
60	MAZSEN	P 2 ₁ (4)	2	<i>hm-R₂²(8):A/B</i>
61	PEKZUB	P 2 ₁ (4)	2	<i>hm-R₂²(8):A/B</i>
62	LIBHOU	C2 (5)	2	<i>hm-R₂²(8):A/B</i>
63	XICPUU	P 2 ₁ 2 ₁ 2 (18)	2	<i>hm-R₂²(8):A/B</i>
64	KETNOO	P 2 ₁ 2 ₁ 2 ₁ (19)	2	<i>hm-R₂²(8):A/B</i>
65	RAGNOC	P 2 ₁ 2 ₁ 2 ₁ (19)	2	<i>hm-R₂²(8):A/B</i>
66	WEQFIK	P 1 (1)	4	<i>hm-R₂²(8):A/B</i> <i>hm-R₂²(8):C/D</i>