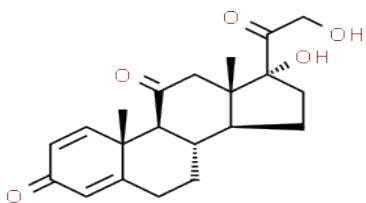
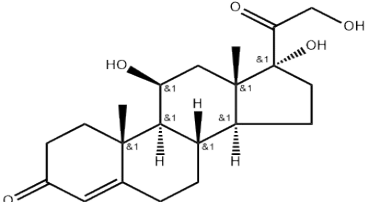
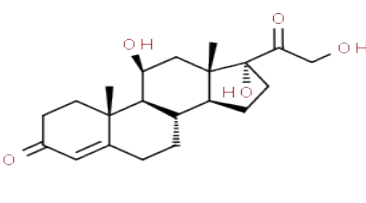
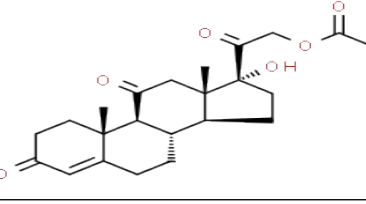
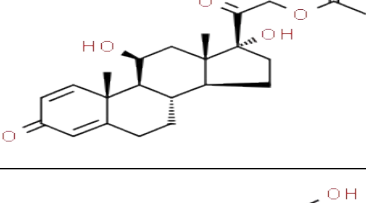
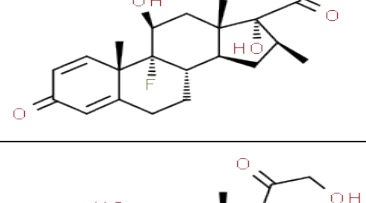
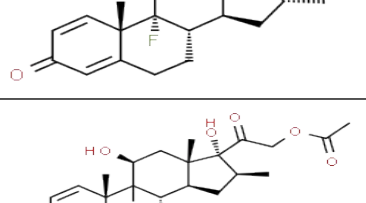
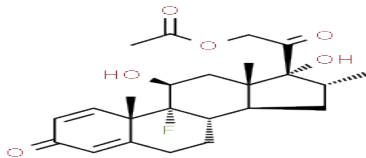
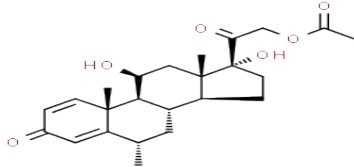
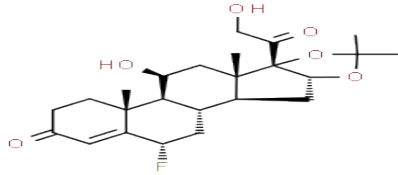
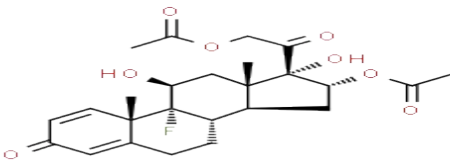
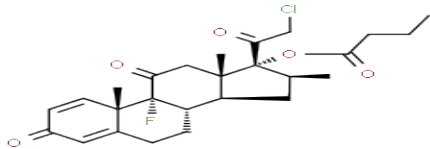
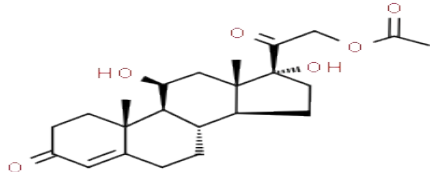
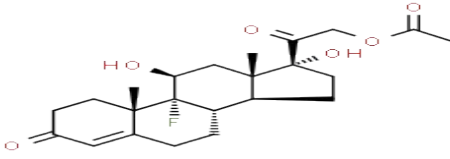
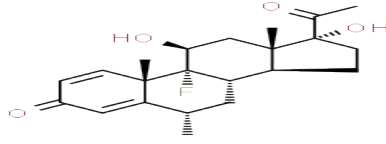
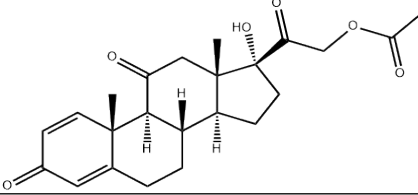
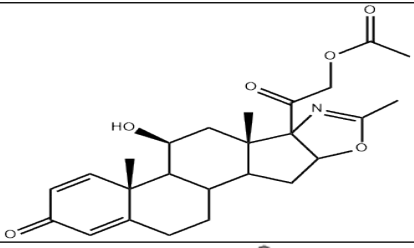
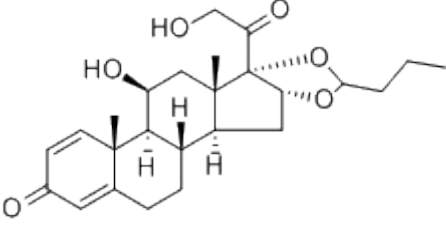
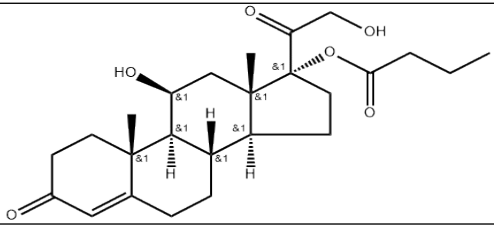
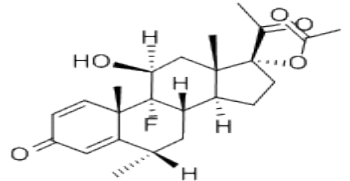
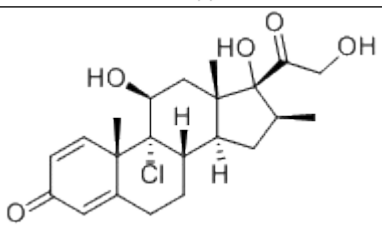
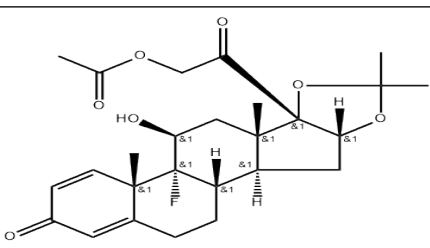
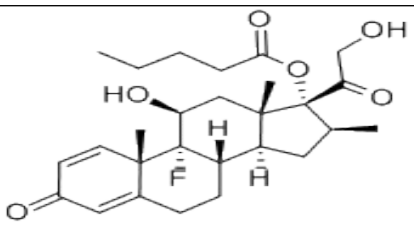
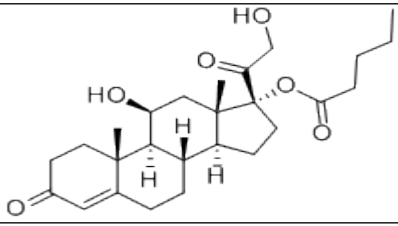
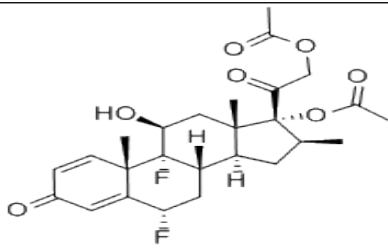
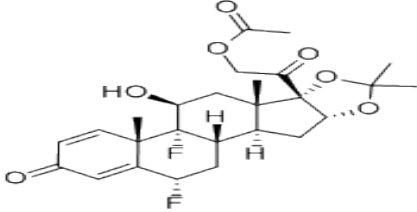
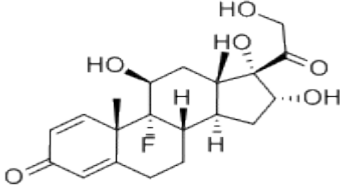
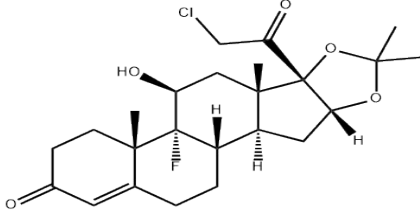
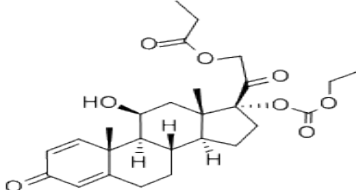
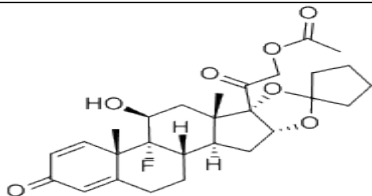
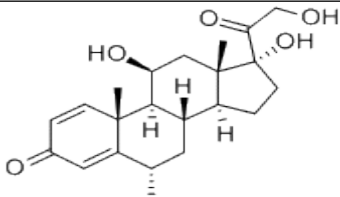
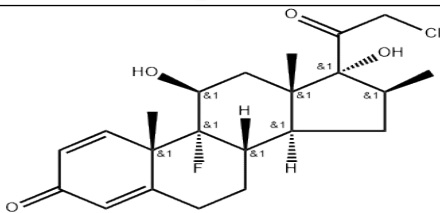


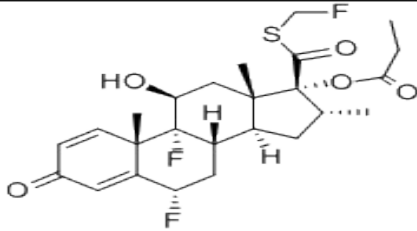
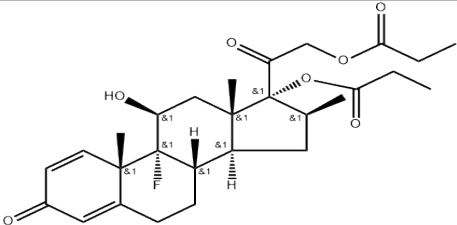
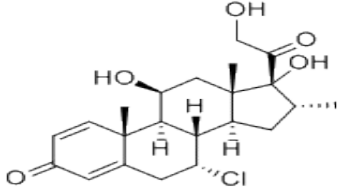
Supplemental table 1 The formula and structure of glucocorticoids

Analyte	Formula	Structure
Prednisone	$C_{21}H_{26}O_5$	
Hydrocortisone	$C_{21}H_{30}O_5$	
Cortisone	$C_{21}H_{28}O_5$	
Cortisone 21-acetate	$C_{23}H_{30}O_6$	
Prednisolone 21-acetate	$C_{23}H_{30}O_6$	
Betamethasone	$C_{22}H_{29}FO_5$	
Dexamethasone	$C_{22}H_{29}FO_5$	
Betamethasone 21-acetate	$C_{24}H_{31}FO_6$	

Dexamethasone 21-acetate	$C_{24}H_{31}FO_6$	
Methylprednisolone 21-acetate	$C_{24}H_{32}O_6$	
Fludroxycortide	$C_{24}H_{33}FO_6$	
Triamcinolone diacetate	$C_{25}H_{31}FO_8$	
Clobetasone 17-butyrate	$C_{26}H_{32}ClFO_5$	
Hydrocortisone 21-acetate	$C_{23}H_{32}O_6$	
Fludrocortisone 21-Acetate	$C_{23}H_{31}FO_6$	
Fluoromethalone	$C_{22}H_{29}FO_4$	
Prednisone 21-acetate	$C_{23}H_{28}O_6$	

Deflazacort	$C_{25}H_{31}NO_6$	
Budesonide	$C_{25}H_{34}O_6$	
Hydrocortisone 17-butyrate	$C_{25}H_{36}O_6$	
Fluorometholone 17-Acetate	$C_{24}H_{31}FO_5$	
Beclomethasone	$C_{22}H_{29}ClO_5$	
Triamcinolone acetonide 21-acetate	$C_{26}H_{33}FO_7$	
Betamethasone 17-valerate	$C_{27}H_{37}FO_6$	
Hydrocortisone 17-valerate	$C_{26}H_{38}O_6$	

Diflorasone diacetate	$C_{26}H_{32}F_2O_7$	
Fluocinonide	$C_{26}H_{32}F_2O_7$	
Triamcinolone	$C_{21}H_{27}FO_6$	
Halcinonide	$C_{24}H_{32}ClFO_5$	
Prednicarbate	$C_{27}H_{36}O_8$	
Amcinonide	$C_{28}H_{35}FO_7$	
Methylprednisolone	$C_{22}H_{30}O_5$	
Clobetasol 17-propionate	$C_{25}H_{32}ClFO_5$	

Fluticasone propionate	$C_{25}H_{31}F_3O_5S$	
Betamethasone dipropionate	$C_{28}H_{37}FO_7$	
Alclomethasone dipropionate	$C_{28}H_{37}ClO_7$	
Flumethasone	$C_{22}H_{28}F_2O_5$	