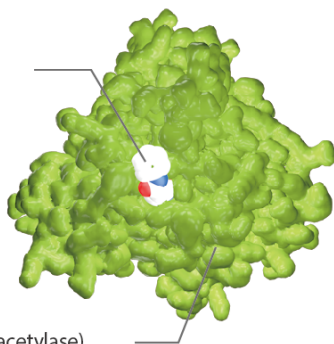


Glucocorticoid Receptor

HDAC Inhibitor:
Vorinostat (SAHA)


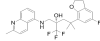

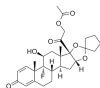

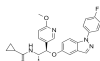

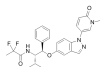

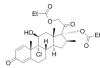



HDAC (Histone deacetylase)


the expression of pro-inflammatory proteins in the cytosol by preventing the translocation of other transcription factors from the cytosol into the nucleus. Dexamethasone is an agonist, and RU486 and cyproterone acetate are antagonists of the GR. Also, progesterone and DHEA have antagonist effects on the GR.


Glucocorticoid Receptor (GR, or GCR) also known as NR3C1 (nuclear receptor subfamily 3, group C, member 1) is the receptor to which cortisol and other glucocorticoids bind. The GR is expressed in almost every cell in the body and regulates genes controlling the development, metabolism, and immune response. When the glucocorticoid receptor binds to glucocorticoids, its primary mechanism of action is the regulation of gene transcription. The unbound receptor resides in the cytosol of the cell. After the receptor is bound to glucocorticoid, the receptor-glucocorticoid complex can take either of two paths. The activated GR complex up-regulates the expression of anti-inflammatory proteins in the nucleus or represses


Glucocorticoid Receptor Inhibitors & Modulators


<p>(20S)-Protopanaxatriol (20S)-APPT; g-PPT) Cat. No.: HY-N0835</p>	<p>(S)-Mapracorat (S)-ZK-245186; (S)-BOL-303242X) Cat. No.: HY-14864A</p>
<p>Bioactivity: (20S)-Protopanaxatriol is a metabolite of ginsenoside, works through the glucocorticoid receptor (GR) and oestrogen receptor (ER), and is also a LXRα inhibitor.</p> <p>Purity: 98.0% Clinical Data: No Development Reported Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p>Bioactivity: (S)-Mapracorat is a selective and less active glucocorticoid receptor agonist.</p> <p>Purity: 99.03% Clinical Data: No Development Reported Size: 10mM x 1mL in DMSO, 5 mg, 10 mg</p> 
<p>AL 082D06 (D06; D-06) Cat. No.: HY-15709</p>	<p>Aminonide (CL-34699) Cat. No.: HY-B1197</p>
<p>Bioactivity: AL 082D06 is a selective, nonsteroidal glucocorticoid receptor (GR) antagonist with K_i of 210 nM.</p> <p>Purity: 98.65% Clinical Data: No Development Reported Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p>Bioactivity: Aminonide inhibit NO release from activated microglia with IC₅₀ 3.38 nM. Aminonide has affinity for the glucocorticoid receptor.</p> <p>Purity: >98% Clinical Data: Launched Size: 100 mg</p> 
<p>Amebucort Cat. No.: HY-U00298</p>	<p>AZD2906 Cat. No.: HY-113854</p>
<p>Bioactivity: Amebucort is a synthetic glucocorticoid corticosteroid, may used for the research of inflammatory disorders.</p> <p>Purity: 98.04% Clinical Data: No Development Reported Size: 1 mg, 5 mg, 10 mg, 20 mg</p> 	<p>Bioactivity: AZD2906 is a selective glucocorticoid receptor (GR) agonist, with IC₅₀s of 2.2, 0.3, 41.6 and 7.5 nM at GR in human, rat PBMC and human, rat whole blood, respectively. AZD2906 increases micronucleated immature erythrocytes (MIE) in ...</p> <p>Purity: >98% Clinical Data: No Development Reported Size: 500 mg, 250 mg</p> 
<p>AZD7594 (AZ13189620) Cat. No.: HY-111453</p>	<p>AZD9567 Cat. No.: HY-120012</p>
<p>Bioactivity: AZD7594 is a potent selective nonsteroidal glucocorticoid receptor modulator, with an IC₅₀ of 0.9 nM.</p> <p>Purity: 98.70% Clinical Data: No Development Reported Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</p> 	<p>Bioactivity: AZD9567 (compound 15) is a potent, selective and oral active non-steroidal glucocorticoid receptor modulator (SGRM), with an IC₅₀ of 3.8 nM. Exhibits excellent efficacy in the streptococcal cell wall (SCW) reactivation model of jo...</p> <p>Purity: >98% Clinical Data: Phase 2 Size: 10mM x 1mL in DMSO, 5 mg, 10 mg</p> 
<p>Beclometasone (Beclomethasone) Cat. No.: HY-B1540</p>	<p>Beclometasone dipropionate Cat. No.: HY-13571A</p>
<p>Bioactivity: Beclometasone (Beclomethasone) is a prototype glucocorticoid receptor agonist.</p> <p>Purity: 92.92% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 25 mg, 50 mg, 100 mg</p> 	<p>Bioactivity: Beclometasone dipropionate is a potent glucocorticoid agonist; it is a prodrug of the free form, beclometasone. IC₅₀ Value: 0.2 nM (Inhibiting thymidine incorporation) [1] Target: glucocorticoid receptor in vitro: Cortisol and beclomethasone dipropionate were more potent than salbutamol in inhibiting...</p> <p>Purity: 99.92% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 250 mg</p> 


Betamethasone	Cat. No.: HY-13570
Bioactivity:	Betamethasone is a glucocorticoid steroid with anti-inflammatory and immunosuppressive properties. Target: Glucocorticoid Receptor Betamethasone is a potent glucocorticoid steroid with anti-inflammatory and immunosuppressive properties. Unlike other drugs with these...
Purity:	99.24%
Clinical Data:	Launched
Size:	10mM x 1mL in DMSO, 100 mg, 500 mg
	


Betamethasone dipropionate (Betamethasone 17,21-dipropionate)	Cat. No.: HY-13571
Bioactivity:	Betamethasone dipropionate is a glucocorticoid steroid with anti-inflammatory and immunosuppressive abilities.
Purity:	99.12%
Clinical Data:	Launched
Size:	10mM x 1mL in DMSO, 250 mg, 1 g
	


Betamethasone hydrochloride	Cat. No.: HY-13570A
Bioactivity:	Betamethasone (hydrochloride) is a glucocorticoid steroid with anti-inflammatory and immunosuppressive properties.
Purity:	>98%
Clinical Data:	Launched
Size:	100 mg, 500 mg
	


Budesonide	Cat. No.: HY-13580
Bioactivity:	Budesonide is a glucocorticoid steroid with potent anti-inflammatory activity.
Purity:	98.0%
Clinical Data:	Launched
Size:	10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg
	


Ciclesonide (RPR251526)	Cat. No.: HY-B0625
Bioactivity:	Ciclesonide(RPR251526) is a glucocorticoid used to treat obstructive airway diseases.
Purity:	98.95%
Clinical Data:	Launched
Size:	10mM x 1mL in DMSO, 10 mg, 50 mg
	

Clobetasol propionate	Cat. No.: HY-13600
Bioactivity:	Clobetasol propionate is a anti-inflammatory corticosteroid used to treat various skin disorders.
Purity:	98.0%
Clinical Data:	Launched
Size:	10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg
	

Cort108297	Cat. No.: HY-15710
Bioactivity:	Cort108297 is a specific glucocorticoid receptor (GR) antagonist. Cort108297 has a high affinity for GRs with a K_i of 0.45 nM.
Purity:	97.16%
Clinical Data:	No Development Reported
Size:	1 mg, 5 mg, 10 mg
	



Corticosterone (17-Deoxycortisol); 11β,21-Dihydroxyprogesterone; Kendall's compound B)	Cat. No.: HY-B1618
Bioactivity:	Corticosterone is an adrenocortical steroid that has modest but significant activities as a mineralocorticoid and a glucocorticoid.
Purity:	99.07%
Clinical Data:	Phase 3
Size:	10mM x 1mL in DMSO, 50 mg
	


Cortisone (17-Hydroxy-11-dehydrocorticosterone; Kendall's compound E)	Cat. No.: HY-17461
Bioactivity:	Cortisone is a 21-carbon steroid hormone. Cortisone is one of the main hormones released by the adrenal gland in response to stress.
Purity:	98.63%
Clinical Data:	Launched
Size:	10mM x 1mL in DMSO, 100 mg, 500 mg
	


Cortisone acetate (Cortisone 21-acetate)	Cat. No.: HY-17461A
Bioactivity:	Cortisone acetate (17-hydroxy-11-dehydrocorticosterone), a 21-carbon steroid hormone, is one of the main hormones released by the adrenal gland in response to stress.
Purity:	99.42%
Clinical Data:	Launched
Size:	10mM x 1mL in DMSO, 100 mg, 500 mg
	


<p>Dagrocorat (PF-00251802) Cat. No.: HY-16718</p> <p>Bioactivity: Dagrocorat (PF-00251802) is a novel and dissociated glucocorticoid receptor agonist.</p> <p>Purity: >98% Clinical Data: No Development Reported Size: 250 mg, 500 mg</p> 	<p>Deflazacort Cat. No.: HY-13609</p> <p>Bioactivity: Deflazacort is a glucocorticoid used as an anti-inflammatory and immunosuppressant.</p> <p>Purity: 98.0% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 50 mg, 100 mg</p> 
<p>Desisobutryl-ciclesonide (CIC-AP; Ciclesonide active principle) Cat. No.: HY-111490</p> <p>Bioactivity: Desisobutryl-ciclesonide is the active metabolite of Ciclesonide. Desisobutryl-ciclesonide has affinity for the glucocorticoid receptor.</p> <p>Purity: 99.53% Clinical Data: No Development Reported Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg</p> 	<p>Desonide Cat. No.: HY-B0248</p> <p>Bioactivity: Desonide is a nonfluorinated corticosteroid anti-inflammatory agent used topically for dermatoses.</p> <p>Purity: 99.81% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg</p> 
<p>Dexamethasone (Hexadecadrol; Prednisolone F) Cat. No.: HY-14648</p> <p>Bioactivity: Dexamethasone is a glucocorticoid receptor agonist.</p> <p>Purity: 99.85% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 1 g, 5 g</p> 	<p>Dexamethasone acetate (Dexamethasone 21-acetate) Cat. No.: HY-14648A</p> <p>Bioactivity: Dexamethasone acetate is a glucocorticoid receptor agonist.</p> <p>Purity: 99.34% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 1 g, 5 g</p> 
<p>Dexamethasone phosphate disodium (Dexamethasone 21-phosphate disodium salt) Cat. No.: HY-B1829A</p> <p>Bioactivity: Dexamethasone phosphate disodium is a glucocorticoid receptor agonist.</p> <p>Purity: 99.68% Clinical Data: Launched Size: 10mM x 1mL in Water, 100 mg, 500 mg</p> 	<p>Flunisolide Cat. No.: HY-B1121</p> <p>Bioactivity: Flunisolide is a corticosteroid often used to treat allergic rhinitis. The principal mechanism of action of Flunisolide is to activate glucocorticoid receptors, meaning it has an anti-inflammatory action.</p> <p>Purity: 99.61% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 100 mg</p> 
<p>Fluocinolone Acetonide Cat. No.: HY-B0415</p> <p>Bioactivity: Fluocinolone Acetonide is a glucocorticoid derivative used topically in the treatment of various skin disorders.</p> <p>Purity: 98.58% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 1 g, 5 g</p> 	<p>Fluocinonide Cat. No.: HY-B0485</p> <p>Bioactivity: Fluocinonide (Vanos) is a potent glucocorticoid steroid used topically as anti-inflammatory agent for the treatment of skin disorders. Target: Glucocorticoid Receptor Fluocinonide is a potent glucocorticoid steroid used topically as an anti-inflammatory agent for the treatment of skin disorders...</p> <p>Purity: 99.42% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 100 mg, 500 mg</p> 

<p>Fluticasone propionate</p> <p style="text-align: right;">Cat. No.: HY-B0154</p>	<p>Fosdagrocorat (PF-04171327)</p> <p style="text-align: right;">Cat. No.: HY-16722</p>
<p>Bioactivity: Fluticasone propionate is a high affinity, selective GR (glucocorticoid receptor) agonist which is derived from fluticasone used to treat asthma and allergic rhinitis. Target: Glucocorticoid Receptor Fluticasone propionate is a corticosteroid derived from fluticasone used to treat asthma...</p> <p>Purity: 99.57%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 10 mg, 50 mg</p> 	<p>Bioactivity: Fosdagrocorat (PF-04171327) is a dissociated glucocorticoid receptor agonist.</p> <p>Purity: >98%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 250 mg, 500 mg</p> 
<p>Glucocorticoid receptor agonist</p> <p style="text-align: right;">Cat. No.: HY-14234</p>	<p>GW-870086</p> <p style="text-align: right;">Cat. No.: HY-103662</p>
<p>Bioactivity: Glucocorticoid receptor agonist is a potent Glucocorticoid receptor agonist. IC50 value: Target:</p> <p>Purity: 98.57%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 10mM x 1mL in DMSO, 5 mg, 10 mg</p> 	<p>Bioactivity: GW-870086 is a potent anti-inflammatory agent, acting as a glucocorticoid receptor agonist, with a plC₅₀ of 10.1 in A549 cells expressing NF-κB.</p> <p>Purity: >98%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 250 mg, 500 mg</p> 
<p>Hydrocortisone (Cortisol)</p> <p style="text-align: right;">Cat. No.: HY-N0583</p>	<p>Hydrocortisone acetate (Hydrocortisone 21-acetate)</p> <p style="text-align: right;">Cat. No.: HY-B1183</p>
<p>Bioactivity: Hydrocortisone is a steroid hormone or glucocorticoid secreted by the adrenal cortex.</p> <p>Purity: 99.66%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 1 g, 5 g</p> 	<p>Bioactivity: Hydrocortisone acetate is a corticosteroid, used to decrease swelling, itching, and pain that is caused by minor skin irritations or by hemorrhoids.</p> <p>Purity: 99.23%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 100 mg</p> 
<p>Hydrocortisone cypionate</p> <p style="text-align: right;">Cat. No.: HY-U00089</p>	<p>Hydrocortisone phosphate (Hydrocortisone 21-phosphate)</p> <p style="text-align: right;">Cat. No.: HY-B1155</p>
<p>Bioactivity: Hydrocortisone cypionate is a synthetic glucocorticoid corticosteroid and a corticosteroid ester.</p> <p>Purity: >98%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 20 mg</p> 	<p>Bioactivity: Hydrocortisone phosphate is the pharmaceutical term for cortisol, which is a steroid hormone, in the glucocorticoid class of hormones, increases blood sugar through gluconeogenesis, to suppress the immune system, and to aid in the metabolism of fat, protein, and carbohydrate.</p> <p>Purity: >98%</p> <p>Clinical Data: Launched</p> <p>Size: 50 mg</p> 
<p>Loteprednol Etabonate</p> <p style="text-align: right;">Cat. No.: HY-17358</p>	<p>Mapracorat (ZK-245186; BOL-303242X)</p> <p style="text-align: right;">Cat. No.: HY-14864</p>
<p>Bioactivity: Loteprednol Etabonate is an anti-inflammatory corticosteroid used in optometry and ophthalmology.</p> <p>Purity: 98.0%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg</p> 	<p>Bioactivity: Mapracorat is a novel non-steroidal selective glucocorticoid receptor agonist.</p> <p>Purity: 99.40%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 10mM x 1mL in DMSO, 5 mg, 10 mg</p> 

<p>Meprednisone</p> <p style="text-align: right;">Cat. No.: HY-B0243</p>	<p>Methylprednisolone (U 7532)</p> <p style="text-align: right;">Cat. No.: HY-B0260</p>
<p>Bioactivity: Meprednisone is a glucocorticoid and a methylated derivative of prednisone. Target: Glucocorticoid Receptor Meprednisone is a glucocorticoid and a methylated derivative of prednisone. The methylprednisone to MPL area under the curve ratio decreased from 0.19 +/- 0.04 in control to 0.14 +/- 0.03 in...</p> <p>Purity: 99.36%</p> <p>Clinical Data: Launched</p> <p>Size: 10 mg, 100 mg</p> 	<p>Bioactivity: Methylprednisolone is a synthetic corticosteroid with anti-inflammatory and immunomodulating properties. Target: Glucocorticoid Receptor Methylprednisolone is typically used for its anti-inflammatory effects. Common uses include arthritis therapy and short-term treatment of bronchial...</p> <p>Purity: 99.67%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 100 mg, 500 mg</p> 
<p>Methylprednisolone succinate (Methylprednisolone hydrogen succinate)</p> <p style="text-align: right;">Cat. No.: HY-B1900</p>	<p>Mifepristone (RU486; RU 38486)</p> <p style="text-align: right;">Cat. No.: HY-13683</p>
<p>Bioactivity: Methylprednisolone succinate is a synthetic glucocorticoid and widely used as an anti-inflammatory agent.</p> <p>Purity: 99.14%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg</p> 	<p>Bioactivity: Mifepristone is a progesterone receptor (PR) and glucocorticoid receptor (GR) antagonist with IC₅₀s of 0.2 nM and 2.6 nM in in vitro assay.</p> <p>Purity: 98.17%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 100 mg, 500 mg</p> 
<p>Mometasone furoate (Sch32088)</p> <p style="text-align: right;">Cat. No.: HY-13693</p>	<p>ORIC-101</p> <p style="text-align: right;">Cat. No.: HY-112710</p>
<p>Bioactivity: Mometasone furoate, prodrug of the free form mometasone, is a agent with high affinity for the glucocorticoid receptor.</p> <p>Purity: 98.0%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg</p> 	<p>Bioactivity: ORIC-101 is a highly potent and selective glucocorticoid receptor antagonist, with an EC₅₀ of 5.6 nM. Anti-cancer activity.</p> <p>Purity: >98%</p> <p>Clinical Data: No Development Reported</p> <p>Size:</p> 
<p>Prednisolone</p> <p style="text-align: right;">Cat. No.: HY-17463</p>	<p>Prednisolone disodium phosphate (Prednisolone 21-phosphate disodium)</p> <p style="text-align: right;">Cat. No.: HY-B0645</p>
<p>Bioactivity: Prednisolone is a glucocorticoid with the general properties of the corticosteroids.</p> <p>Purity: 98.0%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 1 g, 5 g</p> 	<p>Bioactivity: Prednisolone disodium phosphate is a synthetic glucocorticoid with anti-inflammatory and immunomodulating properties. Target: Glucocorticoid Receptor Prednisolone irreversibly binds with glucocorticoid receptors (GR) alpha and beta for which they have a high affinity. Prednisolone can activate and...</p> <p>Purity: 98.37%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in Water, 100 mg, 500 mg</p> 
<p>Prednisolone Tebutate</p> <p style="text-align: right;">Cat. No.: HY-U00098</p>	<p>Prednisone (Dehydrocortisone)</p> <p style="text-align: right;">Cat. No.: HY-B0214</p>
<p>Bioactivity: Prednisolone tebutate is a synthetic glucocorticoid used as an antiinflammatory and immunosuppressant.</p> <p>Purity: >98%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 5 mg</p> 	<p>Bioactivity: Prednisone (Adasone) is a synthetic corticosteroid agent that is particularly effective as an immunosuppressant compound. Target: Others Prednisone is a synthetic corticosteroid drug that is particularly effective as an immunosuppressant drug. It is used to treat certain inflammatory diseases (such as...</p> <p>Purity: 99.35%</p> <p>Clinical Data: Launched</p> <p>Size: 10mM x 1mL in DMSO, 1 g, 5 g</p> 

Relacorilant (CORT 125134)	Cat. No.: HY-109042
Bioactivity: Relacorilant is a potent, selective and orally bioavailable glucocorticoid receptor antagonist, with a K_i of 7.2 nM in HepG2 TAT assay, and also shows K_i s of 12, 81.2, 210 nM for rat, human and monkey glucocorticoid receptor in cell-ba...	
Purity: >98%	
Clinical Data: No Development Reported	
Size: 250 mg, 500 mg	

Triamcinolone	Cat. No.: HY-B0328
Bioactivity: Triamcinolone is a long-acting synthetic corticosteroid.	
Purity: 99.15%	
Clinical Data: Launched	
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg	

Triamcinolone acetonide	Cat. No.: HY-B0636
Bioactivity: Triamcinolone Acetonide is a more potent type of triamcinolone, being about 8 times as effective as prednisone.	
Purity: 99.08%	
Clinical Data: Launched	
Size: 10mM x 1mL in DMSO, 1 g, 5 g	

Triamcinolone Benetonide	Cat. No.: HY-U00043
Bioactivity: Triamcinolone benetonide is a synthetic glucocorticoid corticosteroid with anti-inflammatory activity.	
Purity: >98%	
Clinical Data: No Development Reported	
Size: 1 mg, 5 mg, 10 mg, 20 mg	