

Progesterone Receptor

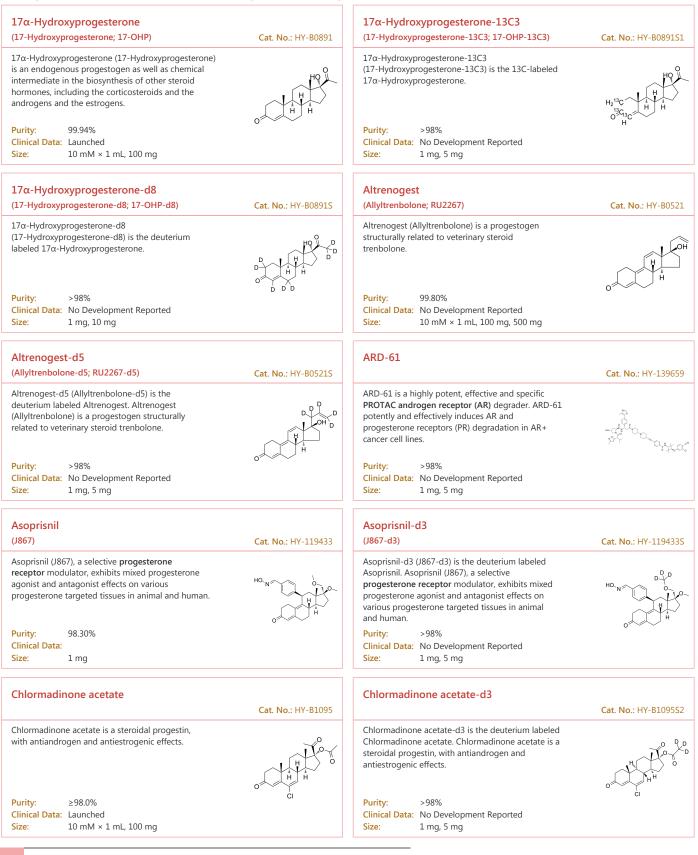
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Progesterone receptor (PR) is a member of the steroid/thyroid hormone-retinoid receptor superfamily of ligand-activated nuclear transcription factors. Progesterone receptor plays a vital role in female reproductive tissue development, differentiation, and maintenance.

Progesterone receptor is able to bind to a large number and variety of ligands that elicit a broad range of transcriptional responses ranging from full agonism to full antagonism and numerous mixed profiles inbetween. Progesterone receptor, such as progesterone, induces conformation changes in PR ligand binding domain (LBD), thus mediates subsequent gene regulation cascades.

In humans, the biological response to progesterone is mediated by two distinct forms of the progesterone receptor (human PR-A and PR-B).

Progesterone Receptor Inhibitors, Agonists, Antagonists, Activators & Modulators



Chlormadinone acetate-d6	Cat. No.: HY-B1095S	Chlormadinone acetate-d6-1	Cat. No.: HY-B1095S1
Chlormadinone acetate-d6 is the deuterium labeled Chlormadinone acetate. Chlormadinone acetate is a steroidal progestin, with antiandrogen and antiestrogenic effects.		Chlormadinone acetate-d6-1 is deuterium labeled Chlormadinone acetate.	
Purity:>98%Clinical Data:No Development ReportedSize:1 mg, 5 mg	Ċ Ċ	Purity:>98%Clinical Data:Size:1 mg, 5 mg	
Cridanimod	Cat. No.: HY-W011890	Desogestrel (Org-2969)	Cat. No.: HY-12516
Cridanimod is a potent progesterone receptor (PR) activator mediated through induction of IFN α and IFN β expression. Cridanimod is a small-molecule immunomodulator and interferon inducer.		Desogestrel(Org-2969) is a third-generation 19-nortestosterone derivative progestogen; is contained in many oral contraceptive preparations, both combined (COCs) to ethinyl-estradiol (EE) or alone in a progestin-only pill (POP).	H ^H q, w
Purity: 99.97% Clinical Data: No Development Reported Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg	Ö	Purity:99.70%Clinical Data:LaunchedSize:10 mM × 1 mL, 10 mg, 50 mg, 100 mg	
Dienogest (STS 557)	Cat. No.: HY-B0084	Dienogest-d4 (STS 557-d4)	Cat. No.: HY-B0084S
Dienogest(STS-557) is a specific progesterone receptor agonist with potent oral endometrial activity and is used in the treatment of endometriosis. Target: progesterone receptor agonist Dienogest is an orally active synthetic progesterone (or progestin). Purity: 99.83% Clinical Data: Launched Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg	O H H CN	Dienogest-d4 is deuterium labeled Dienogest. Purity: >98% Clinical Data: No Development Reported Size: 1 mg, 5 mg	
Dienogest-d5 (STS 557-d5)	Cat. No.: HY-B008451	Dienogest-d6 (STS 557-d6)	Cat. No. : HY-B0084S2
Dienogest-d5 is deuterium labeled Dienogest. Purity: >98% Clinical Data: No Development Reported		Dienogest-d6 is deuterium labeled Dienogest. Purity: >98% Clinical Data: No Development Reported	
Size: 1 mg, 5 mg Drospirenone		Size: 1 mg, 5 mg Drospirenone-d4	
(Dihydrospirorenone)	Cat. No.: HY-B0111		Cat. No.: HY-B0111S
Drospirenone(Dihydrospirorenone) is a synthetic progestin that is an analog to spironolactone.		Drospirenone-d4 (Dihydrospirorenone-d4) is the deuterium labeled Drospirenone. Drospirenone (Dihydrospirorenone) is a synthetic progestin that is an analog to spironolactone.	
Purity: 98.45% Clinical Data: Launched Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg	o,	Purity: >98% Clinical Data: Size: 2.5 mg, 25 mg	· /



Tel: 609-228-6898 Fax: 609-228-5909 Email: sales@MedChemExpress.com

Levonorgestrel-D8 (D-Norgestrel-D8)	Cat. No.: HY-B0257S	Medroxyprogesterone (17α-Hydroxy-6α-methylprogesterone; U8840)	Cat. No.: HY-B0648
Levonorgestrel-D8 (D-Norgestrel-D8) is the deuterium labeled Levonorgestrel. Levonorgestrel is a synthetic progestogen used as an active ingredient in some hormonal contraceptives.		Medroxyprogesterone is a progestin, a synthetic variant of the human hormone progesterone and a potent progesterone receptor agonist. Target: Progesterone Receptor Medroxyprogesterone (MP), is a steroidal progestin drug which was never marketed for use in humans. Purity: 99.43% Clinical Data: Launched	
Clinical Data: No Development Reported Size: 1 mg, 5 mg, 10 mg		Size: 10 mM × 1 mL, 100 mg, 500 mg, 1 g	
Medroxyprogesterone acetate (Medroxyprogesterone 17-acetate; Farlutin)	Cat. No.: HY-B0469	Medroxyprogesterone acetate-d3 (Medroxyprogesterone 17-acetate-d3; Farlutin-d3)	Cat. No.: HY-B0469S
Medroxyprogesterone acetate is a widely used synthetic steroid by its interaction with progesterone , androgen and glucocorticoid receptors .		Medroxyprogesterone acetate D3 is deuterium labeled Medroxyprogesterone acetate. Medroxyprogesterone acetate is a widely used synthetic steroid by its interaction with progesterone, androgen and glucocorticoid receptors.	
Purity: 99.88% Clinical Data: Launched Size: 10 mM × 1 mL, 100 mg, 500 mg	•	Purity:98.06%Clinical Data:No Development ReportedSize:10 mg	
Medroxyprogesterone-d3 (17α-Hydroxy-6α-methylprogesterone-d3; U8840-d3)	Cat. No. : HY-B0648S	Medroxyprogesterone-d7 (17α-Hydroxy-6α-methylprogesterone-d7; U8840-d7)	Cat. No. : HY-B0648S1
Medroxyprogesterone-d3 $(17\alpha$ -Hydroxy- 6α -methylprogesterone-d3) is the deuterium labeled Medroxyprogesterone.Medroxyprogesterone is a progestin, a synthetic variant of the human hormone progesterone and a potent progesterone receptor agonist.Purity:>98%Clinical Data:No Development Reported Size:1 mg, 10 mg		Medroxyprogesterone-d7 is deuterium labeled Medroxyprogesterone. Purity: >98% Clinical Data: No Development Reported Size: 1 mg, 5 mg	
Megestrol acetate	Cat. No. : HY-13676	Megestrol acetate-d3	Cat. No.: HY-13676S
Megestrol acetate is a synthetic and orally active progesteronal agent. Megestrol acetate is effective as an appetite stimulant for wasting syndromes such as cachexia. Megestrol acetate decreases nuclear and cytosol androgen receptors human BPH tissue. Purity: 99.81%		Megestrol acetate-d3 is the deuterium labeled Megestrol acetate. Megestrol acetate is a synthetic and orally active progesteronal agent. Megestrol acetate is effective as an appetite stimulant for wasting syndromes such as cachexia. Purity: >98%	
Clinical Data:LaunchedSize:10 mM × 1 mL, 500 mg, 1 g, 5 g		Clinical Data: No Development Reported Size: 1 mg, 5 mg	
Megestrol acetate-d3-1	Cat. No.: HY-13676S1	Melengestrol acetate	Cat. No. : HY-111614
Megestrol acetate-d3-1 is deuterium labeled Megestrol acetate. Megestrol acetate is a synthetic and orally active progesteronal agent. Megestrol acetate is effective as an appetite stimulant for wasting syndromes such as cachexia.		Melengestrol acetate is a progesterone derivative, acts as an orally active corticosteroid hormone to promote endometrial proliferation, pregnancy maintenance, and delay of menstrual activity.	

>98% Purity:
 Clinical Data:
 No Development Reported

 Size:
 1 mg, 5 mg



99.76% Purity: Clinical Data:No Development ReportedSize:10 mM × 1 mL, 100 mg



Melengestrol acetate-d2

Melengestrol acetate-d2 is the deuterium labeled Melengestrol acetate. Melengestrol acetate is a progesterone derivative, acts as an orally active corticosteroid hormone to promote endometrial proliferation, pregnancy maintenance, and delay of menstrual activity.

Purity: > 98% Clinical Data: No Development Reported Size: 1 mg, 5 mg

Melengestrol acetate-d6

Melengestrol acetate-d6 is the deuterium labeled Melengestrol acetate. Melengestrol acetate is a progesterone derivative, acts as an orally active corticosteroid hormone to promote endometrial proliferation, pregnancy maintenance, and delay of menstrual activity.

Purity: > 98% Clinical Data: No Development Reported 1 mg, 5 mg Size:

Mifepristone-13C,d3 (RU486-13C,d3; RU 38486-13C,d3)

Mifepristone-13C,d3 is the 13C- and deuterium labeled. Mifepristone (RU486) is a progesterone receptor (PR) and glucocorticoid receptor (GR) antagonist with IC50s of 0.2 nM and 2.6 nM in in vitro assay.

Purity: > 98% Clinical Data: No Development Reported Size: 1 mg, 5 mg

Nestoron (ST-1435; Elcometrine)

Nestoron (ST-1435) is a 19-norprogesterone derivative with high affinity and selectivity for progesterone receptors. Nestoron is a highly selective and potent progestogen that can be used as a hormonal contraceptive.

99.84% Purity: Clinical Data: Launched 10 mM × 1 mL, 10 mg, 50 mg Size:

Nomegestrol acetate

Nomegestrol acetate is a potent, highly selective progestogen, which is characterized as a full agonist at the progesterone receptor, with no or minimal binding to other steroid receptors, including the androgen and glucocorticoid receptors.

Purity: 98.50% Clinical Data: Launched Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Melengestrol acetate-d3

Melengestrol acetate-d3 is the deuterium labeled Melengestrol acetate. Melengestrol acetate is a progesterone derivative, acts as an orally active corticosteroid hormone to promote endometrial proliferation, pregnancy maintenance, and delay of

menstrual activity. Purity: >98% Clinical Data: No Development Reported Size: 1 mg, 5 mg

Mifepristone (RU486; RU 38486)

Mifepristone (RU486) is a progesterone receptor (PR) and glucocorticoid receptor (GR) antagonist with IC_{so}s of 0.2 nM and 2.6 nM in in vitro assay.



Cat. No.: HY-13683S

Cat. No.: HY-13683

Cat. No.: HY-111614S2

Purity: 99 77% Clinical Data: Launched 10 mM × 1 mL, 100 mg, 500 mg Size:

Mifepristone-d3 (RU486-d3; RU 38486-d3)

Mifepristone-d3 (RU486-d3) is the deuterium labeled Mifepristone. Mifepristone (RU486) is a progesterone receptor (PR) and glucocorticoid receptor (GR) antagonist with IC so of 0.2 nM and 2.6 nM in in vitro assay.

>98% Purity: Clinical Data: No Development Reported Size: 1 mg, 5 mg

Nomegestrol

Nomegestrol is a potent and orally available progestin, acts as a selective full progesterone **receptor** agonist, with a K_d of 5.44 nM for rat uterine progesterone receptor, and has moderate antiandrogenic activity and strong antiestrogenic activity.

Purity: >98% Clinical Data: Launched 1 mg, 5 mg Size:

Norethindrone (Norethisterone)

Norethindrone is a female progestin approved by FDA for the treatment of endometriosis, uterine bleeding caused by abnormal hormone levels, and secondary amenorrhea.

Purity: 99.57% Clinical Data: Launched Size: 10 mM × 1 mL, 100 mg, 500 mg

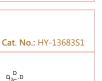






Cat. No.: HY-111614S

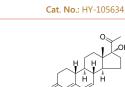
Cat. No.: HY-111614S1



Cat. No.: HY-13071

Cat. No.: HY-105634A





Norethindrone acetate (19-Norethindrone acetate)	Cat. No. : HY-B1710	Norethindrone acetate-D8 (19-Norethindrone acetate-D8)	Cat. No.: HY-B1710S
Norethindrone acetate is a female hormone used for the research of endometriosis.		Norethindrone acetate-D8 (19-Norethindrone acetate-D8) is the deuterium labeled Norethindrone acetate. Norethindrone acetate is a female hormone used for the research of endometriosis.	
Purity:99.41%Clinical Data:LaunchedSize:10 mM × 1 mL, 100 mg, 500 mg	0	Purity:>98%Clinical Data:No Development ReportedSize:1 mg, 5 mg, 10 mg	
Norethindrone-d6 (Norethisterone-d6)	Cat. No.: HY-B0554S	Norethisterone enanthate (Norigest)	Cat. No.: HY-A0285
Norethindrone-d6 is the deuterium labeled Norethindrone. Norethindrone is a female progestin approved by FDA for the treatment of endometriosis, uterine bleeding caused by abnormal hormone levels, and secondary amenorrhea.		Norethisterone enanthate is a long-acting parenteral progestogen. Norethisterone enanthate is orally active. Purity: 99.50%	
Clinical Data: No Development Reported Size: 1 mg, 5 mg		Clinical Data: Launched Size: 10 mM × 1 mL, 100 mg, 250 mg, 500 mg	
Norgestimate	Cat. No.: HY-W013172	Norgestimate D6	Cat. No. : HY-139244S
Norgestimate, a synthetic progesterone analog, is an orally active progestin with highly selective progestational activity and minimal androgenicity. Norgestimate is used for an oral contraceptive.	HO.N. H.H.H.	Norgestimate D6 is the deuterium labeled Norgestimate. Norgestimate, a synthetic progesterone analog, is an orally active progestin with highly selective progestational activity and minimal androgenicity. Norgestimate is used for an oral contraceptive.	
Purity: ≥99.0% Clinical Data: Launched Size: 10 mg		Purity:>98%Clinical Data:No Development ReportedSize:1 mg, 5 mg, 10 mg	
Norgestrel-d6	Cat. No.: HY-B0257S1	PF-02413873 (PF-2413873)	Cat. No.: HY-11028
Norgestrel-d6 is the deuterium labeled Levonorgestrel. Levonorgestrel is a synthetic progestogen used as an active ingredient in some hormonal contraceptives.		PF-02413873 (PF-2413873) is a potent selective, fully competitive and orally active nonsteroidal progesterone receptor (PR) antagonist, with a K _i of 2.6 nM. PF-02413873 can block progesterone binding and PR nuclear translocation, and inhibit endometrial growth in vivo.	
Purity: >98% Clinical Data: No Development Reported Size: 1 mg, 5 mg		Purity: ≥99.0% Clinical Data: No Development Reported Size: 10 mM × 1 mL, 5 mg	
PF-3882845	Cat. No.: HY-12738	Progesterone (Pregn-4-ene-3,20-dione)	Cat. No.: HY-N0437
PF-3882845 is a remarkably high affinity selective and orally efficacious mineralocorticoid receptor (MR binding IC ₅₀ =2.7 nM) antagonist for hypertension and nephropathy. PF-3882845 also binds to progesterone receptor (PR) with the binding IC ₅₀ of 310 nM.		Progesterone is a steroid hormone that regulates the menstrual cycle and is crucial for pregnancy.	
Purity:> 98%Clinical Data:No Development ReportedSize:1 mg, 5 mg		Purity: 99.66% Clinical Data: Launched Size: 10 mM × 1 mL, 100 mg, 1 g, 5 g	U · •

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