CD BioGlyco
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Product Information

Glucocorticoid receptor inhibitor OP-3633, Purity ≥98%

Cat. No.: X24-06-ZQ749

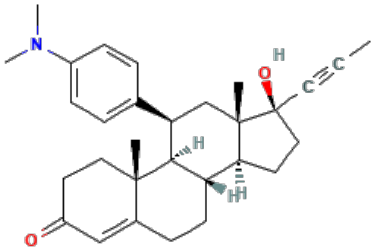
Size: 5 mg; 10 mg; 50 mg

CAS Number: 2102494-14-2

Compound CID: 138911324

Synonym: 2102494-14-2; Glucocorticoid receptor inhibitor; OP-3633; OP 3633; OP3633

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	OP-3633 is a compound that blocks the action of glucocorticoids, which are involved in regulating metabolism, immune response, and stress.
Molecular Weight	445.64
Molecular Formula	$C_{30}H_{39}NO_2$
IUPAC Name	(8*S*,9*R*,10*R*,11*S*,13*S*,14*S*,17*S*)-11-[4-(dimethylamino)phenyl]-17-hydroxy-10,13-dimethyl-17-prop-1-ynyl-2,6,7,8,9,11,12,14,15,16-decahydro-1*H*-cyclopenta[a]phenanthren-3-one
InChI	InChI=1S/C30H39NO2/c1-6-15-30(33)17-14-26-24-12-9-21-18-23(32)13-16-28(21,2)27(24)25(19-29(26,30)3)20-7-10-22(11-8-20)31(4)5/h7-8,10-11,18,24-27,33H,9,12-14,16-17,19H2,1-5H3/t24-,25+,26-,27+,28-,29-,30-/m0/s1
InChI Key	LJUSMSPTDKGAFT-LMNHVJTASA-N
Canonical SMILES	CC#CC1(CCC2C1(CC(C3C2CCC4=CC(=O)CCC34C)C5=CC=C(C=C5)N(C)C)C)O
Isomeric SMILES	CC#C[C@@]1(CC[C@@H]2[C@@]1(C[C@@H]([C@H]3[C@H]2CCC4=CC(=O)CC[C@]34C)C5=CC=C(C=C5)N(C)C)C)O
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	OP-3633 is applied in research involving glucocorticoid receptor modulation, impacting inflammation

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	and immune response.
Storage	Store at -20ºC, and keep desiccated.

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