CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

Glucocorticoid receptor inhibitor Exicorilant, Purity ≥98%

Cat. No.: X24-06-ZQ651

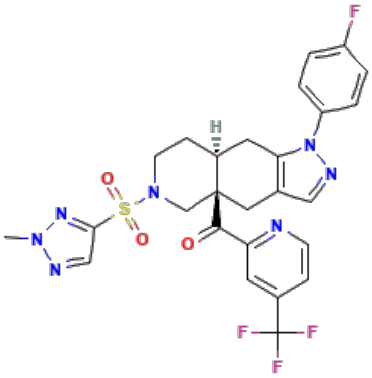
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1781244-77-6

Compound CID: 118092367

Synonym: 1781244-77-6; Glucocorticoid receptor inhibitor; Exicorilant; CORT125281; CORT-125281; CORT 125281

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



Product Information

Description	Exicorilant is a compound that blocks the action of glucocorticoids, which are involved in regulating metabolism, immune response, and stress.
Molecular Weight	589.15
Molecular Formula	$C_{26}H_{23}F_4N_7O_3S$
IUPAC Name	[(4*aR*,8*aS*)-1-(4-fluorophenyl)-6-(2-methyltriazol-4-yl)sulfonyl-4,5,7,8,8a,9-hexahydropyrazolo[3,4-g]isoquinolin-4a-yl]-[4-(trifluoromethyl)pyridin-2-yl]methanone
InChI	InChI=1S/C26H23F4N7O3S/c1-35-32-14-23(34-35)41(39,40)36-9-7-17-11-22-16(13-33-37(22)20-4-2-19(27)3-5-20)12-25(17,15-36)24(38)21-10-18(6-8-31-21)26(28,29)30/h2-6,8,10,13-14,17H,7,9,11-12,15H2,1H3/t17-,25-/m0/s1
InChI Key	HWJYJKAURRIWJM-GKVSMKOHSA-N
Canonical SMILES	CN1N=CC(=N1)S(=O)(=O)N2CCC3CC4=C(CC3(C2)C(=O)C5=NC=CC(=C5)C(F)(F)F)C=NN4C6=CC=C(C=C6)F
Isomeric SMILES	CN1N=CC(=N1)S(=O)(=O)N2CC[C@H]3CC4=C(C[C@@]3(C2)C(=O)C5=NC=CC(=C5)C(F)(F)F)C=NN4C6=CC=C(C=C6)F
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

© CD BioGlyco. All Rights Reserved.

CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Applications	Exicorilant is used in research to investigate its potential as a glucocorticoid receptor inhibitor for the treatment of Cushing's syndrome and related metabolic disorders.
Storage	Store at -20ºC, and keep desiccated.

© CD BioGlyco. All Rights Reserved.