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

Product Information

CCR inhibitor ML604086, Purity ≥98%

Cat. No.: X23-10-ZQ689

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

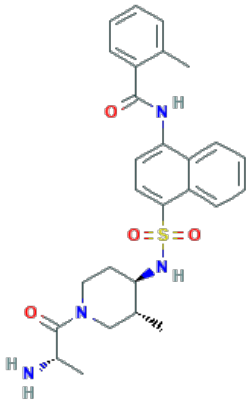
MDL: MFCD32201065

CAS Number: 850330-18-6

Compound CID: 57564362

Synonym: ML604086; 850330-18-6; Amino]sulfonyl]-1-naphthalenyl]-2-methyl-piperidinyl; CCR inhibitor

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



Product Information

Description	ML604086 specifically binds to chemokine receptors. This binding blocks the receptors and prevents the corresponding chemokines from exerting their effects on immune cells, leading to reduced chemotaxis and cell activation.
Molecular Weight	508.63
Molecular Formula	$C_{27}H_{32}N_4O_4S$
IUPAC Name	*N*-[4-[[(3*R*,4*R*)-1-[(2*S*)-2-Aminopropanoyl]-3-methylpiperidin-4-yl]sulfamoyl]naphthalen-1-yl]-2-methylbenzamide
InChI	InChI=1S/C27H32N4O4S/c1-17-8-4-5-9-20(17)26(32)29-24-12-13-25(22-11-7-6-10-21(22)24)36(34,35)30-23-14-15-31(16-18(23)2)27(33)19(3)28/h4-13,18-19,23,30H,14-16,28H2,1-3H3,(H,29,32)/t18-,19+,23-/m1/s1
InChI Key	FABRBEGQMXBELT-SELNLUPBSA-N
Canonical SMILES	CC1CN(CCC1NS(=O)(=O)C2=CC=C(C3=CC=CC=C32)NC(=O)C4=CC=CC=C4C)C(=O)C(C)N
Isomeric SMILES	C[C@@H]1CN(CC[C@H]1NS(=O)(=O)C2=CC=C(C3=CC=CC=C32)NC(=O)C4=CC=CC=C4C)C(=O)[C@H](C)N
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.
Applications	ML604086 can be used to explore its function as an inhibitor in biological pathways, providing insight into its therapeutic potential.

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Storage	Store at -20ºC.