

Product Datasheet

GSK2018682 (orb1299885)

Catalog Number	orb1299885
Category	Small Molecules
Description	GSK2018682 is a potent and selective agonist for the S1P ₁ and S1P ₅ receptors, with pEC ₅₀ values of 7.7 and 7.2, respectively. This small molecule is a valuable research tool for investigating sphingosine-1-phosphate signaling in immunological and neurological studies, applicable in both cellular and animal models of inflammation and autoimmunity.
Target	S1P Receptor,LPL Receptor
Purity	99.04% (May vary between batches)
MW	440.88
Target Areas	LPL Receptor S1P Receptor
Solubility (25°C)	DMSO:125 mg/mL (283.52 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (9.07 mM)
CAS Number	1034688-30-6
Formula	C ₂₂ H ₂₁ ClN ₄ O ₄
SMILES	CC(C)Oc1ncc(cc1Cl)-c1nc(no1)-c1cccc2n(CCCC(O)=O)ccc12
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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