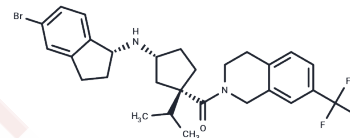


CCR2 antagonist 1

Chemical Properties

CAS No. : 1683534-96-4
 Formula: C₂₈H₃₂BrF₃N₂O
 Molecular Weight: 549.47
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	CCR2 antagonist 1 is a high-affinity antagonist of CCR2 with a K_i of 2.4 nM and a long residence time.
Targets(IC50)	CCR
In vitro	The integration of SAR and SKR in the hit-to-lead process led to the discovery of a new high-affinity, long residence time CCR2 antagonist 1 (compound 15a, K_i =2.4 nM; RT=714 min).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8199 mL	9.0997 mL	18.1994 mL
5 mM	0.364 mL	1.8199 mL	3.6399 mL
10 mM	0.182 mL	0.910 mL	1.8199 mL
50 mM	0.0364 mL	0.182 mL	0.364 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Vilums M, et al. When structure-affinity relationships meet structure-kinetics relationships: 3-((Inden-1-yl)amino)-1-isopropyl-cyclopentane-1-carboxamides as CCR2 antagonists. Eur J Med Chem. 2015 Mar 26;93:121-34.

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