

DW-1350

Chemical Properties

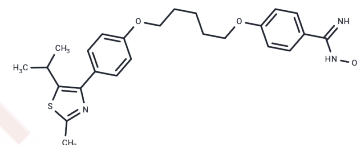
CAS No. : 491577-61-8

Formula: C₂₅H₃₁N₃O₃S

Molecular Weight: 453.6

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	DW-1350 is an antagonist of LTB ₄ receptor.
Targets(IC ₅₀)	LTR, Leukotriene Receptor
In vitro	DW-1350 displays inhibitory effects against osteoclast in terms of differentiation, fusion, formation, and bone absorption.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2046 mL	11.0229 mL	22.0459 mL
5 mM	0.4409 mL	2.2046 mL	4.4092 mL
10 mM	0.2205 mL	1.1023 mL	2.2046 mL
50 mM	0.0441 mL	0.2205 mL	0.4409 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

Kang JH, et al. 5-Lipoxygenase inhibitors suppress RANKL-induced osteoclast formation via NFATc1 expression. *Bioorg Med Chem.* 2015 Nov 1;23(21):7069-78.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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