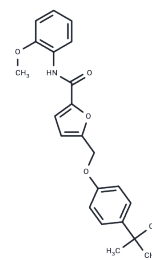


WAY-325371

Chemical Properties

CAS No. : 444908-22-9
 Formula: C₂₃H₂₅NO₄
 Molecular Weight: 379.45
 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	WAY-325371 can inhibit the formation of osteoclasts.
Targets(IC50)	Others
In vitro	At 10 µM, the inhibition rate of WAY-325371 against osteoclast formation is 48.99%[1].

Solubility Information

Solubility	DMSO: 45 mg/mL (118.59 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6354 mL	13.177 mL	26.3539 mL
5 mM	0.5271 mL	2.6354 mL	5.2708 mL
10 mM	0.2635 mL	1.3177 mL	2.6354 mL
50 mM	0.0527 mL	0.2635 mL	0.5271 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

Current Patent Assignee: KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY; OCT - WO2004/37804, 2004, A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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