

GIV3727

Chemical Properties

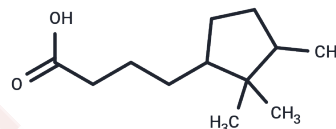
CAS No. : 957136-80-0

Formula: C₁₂H₂₂O₂

Molecular Weight: 198.3

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	GIV3727, a bitter taste receptor hTAS2R antagonist, inhibits the activation of hTAS2R31 by saccharin and acesulfame potassium, effectively diminishing the bitter taste in foods, beverages, and pharmaceuticals [1].
Targets(IC50)	Others, Taste receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0429 mL	25.2143 mL	50.4286 mL
5 mM	1.0086 mL	5.0429 mL	10.0857 mL
10 mM	0.5043 mL	2.5214 mL	5.0429 mL
50 mM	0.1009 mL	0.5043 mL	1.0086 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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