

TRPM4 inhibitor 8

Chemical Properties

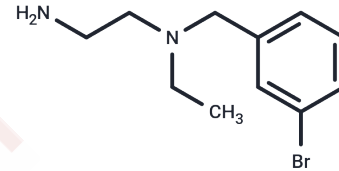
CAS No. : 1353979-43-7

Formula: C₁₁H₁₇BrN₂

Molecular Weight: 257.17

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	TRPM4 inhibitor 8 is an inhibitor of Transient receptor potential melastatin 4 (TRPM4) which contributes to viability, migration, cell cycle shift, and adhesion.
Targets(IC50)	ERK,iGluR,TRP/TRPV Channel

Solubility Information

Solubility	DMSO: 70 mg/mL (272.19 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	3.8885 mL	19.4424 mL	38.8848 mL
5 mM	0.7777 mL	3.8885 mL	7.777 mL
10 mM	0.3888 mL	1.9442 mL	3.8885 mL
50 mM	0.0778 mL	0.3888 mL	0.7777 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

Hilmar BADING, et al. Novel means to modulate nmda receptor-mediated toxicity. WO2020078554A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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