

MRGPRX1 agonist 4

Chemical Properties

CAS No. :

Formula: C₂₃H₁₇Cl₂F₃N₂O₂S

Molecular Weight: 513.36

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	MRGPRX1 agonist 4 is a potent and orally active Mas-related G protein-coupled receptor X1 (MRGPRX1) positive conformation modulator (EC ₅₀ : 0.1 μM). MRGPRX1 agonist 4 ameliorated the behavioral thermal allergic response in mice, a model of MRGPRX1 neuropathic pain.
Targets(IC50)	Others,MRGPR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.948 mL	9.7398 mL	19.4795 mL
5 mM	0.3896 mL	1.948 mL	3.8959 mL
10 mM	0.1948 mL	0.974 mL	1.948 mL
50 mM	0.039 mL	0.1948 mL	0.3896 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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