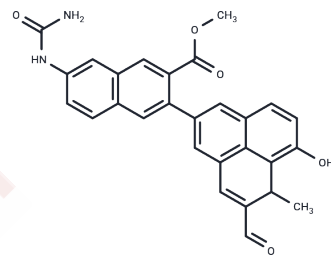


GE1111

Chemical Properties

CAS No. : 2883669-12-1
 Formula: C₂₈H₂₂N₂O₅
 Molecular Weight: 466.485
 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	GE1111 is an antagonist of the mas-related G protein-coupled receptor X2 (MRGPRX2), exhibiting an IC ₅₀ of 9.42 μM. It inhibits mast cell degranulation with an IC ₅₀ of 4.7 μM. In the C48/80-induced systemic allergic reaction model, GE1111 demonstrates both antiallergic and anti-inflammatory properties.
Targets(IC ₅₀)	MRGPR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1437 mL	10.7183 mL	21.4367 mL
5 mM	0.4287 mL	2.1437 mL	4.2873 mL
10 mM	0.2144 mL	1.0718 mL	2.1437 mL
50 mM	0.0429 mL	0.2144 mL	0.4287 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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