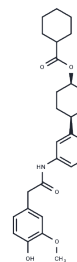


TRPV1 agonist-1

Chemical Properties

CAS No. :	2763372-26-3
Formula:	C ₂₈ H ₃₅ N ₅ O ₅
Molecular Weight:	465.58
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	TRPV1 agonist-1 (Compound 13) is a non-irritant TRPV1 agonist that is effective when administered orally. It shows EC ₅₀ values of 4.5 nM for humans and 0.57 nM for rats. TRPV1 agonist-1 has the capability to improve swallowing function in rats and is applicable for research on dysphagia.
Targets(IC ₅₀)	TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1479 mL	10.7393 mL	21.4786 mL
5 mM	0.4296 mL	2.1479 mL	4.2957 mL
10 mM	0.2148 mL	1.0739 mL	2.1479 mL
50 mM	0.043 mL	0.2148 mL	0.4296 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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