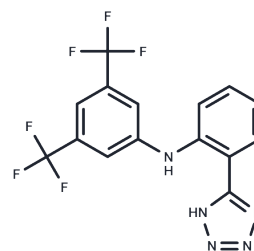


TAS2R14 agonist-1

Chemical Properties

CAS No. :	2439115-08-7
Formula:	C ₁₅ H ₉ F ₆ N ₅
Molecular Weight:	373.26
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	TAS2R14 agonist is a potent partial agonist of TAS2R14, displaying an EC ₅₀ value of 116.6 ± 23.6 nM [1].
Targets(IC ₅₀)	Others, Taste receptor
In vitro	In IP1 and cAMP accumulation assays, the TAS2R14 agonist induces activation of TAS2R14 with EC ₅₀ values of 100 nM and 180 nM, respectively, associated with the accumulation of IP1 and cAMP.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6791 mL	13.3955 mL	26.791 mL
5 mM	0.5358 mL	2.6791 mL	5.3582 mL
10 mM	0.2679 mL	1.3395 mL	2.6791 mL
50 mM	0.0536 mL	0.2679 mL	0.5358 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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