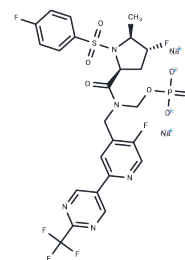


TRPA1 Antagonist 1

Chemical Properties

CAS No. :	1984825-08-2
Formula:	C ₂₄ H ₂₀ F ₆ N ₅ Na ₂ O ₇ PS
Molecular Weight:	713.45
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	TRPA1 Antagonist 1 is an antagonist of TRPA1 (IC ₅₀ : 8 nM) and is a methylene phosphate prodrug which converts to its active parent drug.
Targets(IC ₅₀)	TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4016 mL	7.0082 mL	14.0164 mL
5 mM	0.2803 mL	1.4016 mL	2.8033 mL
10 mM	0.1402 mL	0.7008 mL	1.4016 mL
50 mM	0.028 mL	0.1402 mL	0.2803 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

Chen H, et al. Discovery of a Potent (4 R,5 S)-4-Fluoro-5-methylproline Sulfonamide Transient Receptor Potential Ankyrin 1 Antagonist and Its Methylene Phosphate Prodrug Guided by Molecular Modeling. J Med Chem. 2018 Apr 26;61(8):3641-3659.

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