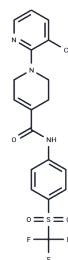


A-889425

Chemical Properties

CAS No. : 1072921-02-8
 Formula: C₁₉H₁₈F₃N₃O₃S
 Molecular Weight: 425.42
 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	A-889425 is a selectively active oral TRPV1 receptor antagonist with IC ₅₀ values of 335 nM (rat) and 34 nM (human). This compound effectively penetrates the central nervous system, reducing mechanical allodynia and the response of spinal neurons to mechanical stimuli in rat paws following inflammation induced by Complete Freund's Adjuvant.
Targets(IC ₅₀)	TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3506 mL	11.7531 mL	23.5062 mL
5 mM	0.4701 mL	2.3506 mL	4.7012 mL
10 mM	0.2351 mL	1.1753 mL	2.3506 mL
50 mM	0.047 mL	0.2351 mL	0.4701 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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