

ADS1017

Chemical Properties

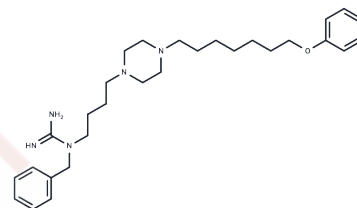
CAS No. :

Formula: C₂₉H₄₅N₅O

Molecular Weight: 479.701

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	ADS1017 is an antagonist of histamine receptor (histamine receptor) and muscarinic receptor (muscarinic receptor), displaying strong affinity for hH3R, hH4R, hM2R, and hM4R with pKi values of 6.8, 5.5, 7.4, and 7.2, respectively. In mouse models of pain induced by Capsaicin or Oxaliplatin, ADS1017 exhibits analgesic and anti-hyperalgesic effects.
Targets(IC50)	AChR,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0846 mL	10.4232 mL	20.8464 mL
5 mM	0.4169 mL	2.0846 mL	4.1693 mL
10 mM	0.2085 mL	1.0423 mL	2.0846 mL
50 mM	0.0417 mL	0.2085 mL	0.4169 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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