

AS1928370

Chemical Properties

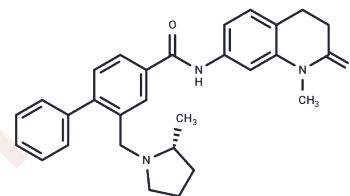
CAS No. : 1345614-89-2

Formula: C₂₉H₃₁N₃O₂

Molecular Weight: 453.58

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	AS1928370 is an antagonist of transient receptor potential vanilloid 1 (TRPV1).
Targets(IC50)	Others,TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2047 mL	11.0234 mL	22.0468 mL
5 mM	0.4409 mL	2.2047 mL	4.4094 mL
10 mM	0.2205 mL	1.1023 mL	2.2047 mL
50 mM	0.0441 mL	0.2205 mL	0.4409 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

Watabiki T, Kiso T, Tsukamoto M, Aoki T, Matsuoka N. Intrathecal administration of AS1928370, a transient receptor potential vanilloid 1 antagonist, attenuates mechanical allodynia in a mouse model of neuropathic pain. *Biol Pharm Bull.* 2011;34(7):1105-8. PubMed PMID: 21720020.

Watabiki T, Kiso T, Kuramochi T, Yonezawa K, Tsuji N, Kohara A, Kakimoto S, Aoki T, Matsuoka N. Amelioration of neuropathic pain by novel transient receptor potential vanilloid 1 antagonist AS1928370 in rats without hyperthermic effect. *J Pharmacol Exp Ther.* 2011 Mar;336(3):743-50. doi: 10.1124/jpet.110.175570. Epub 2010 Nov 22. PubMed PMID: 21098091.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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