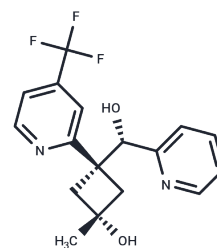


TRPV3 antagonist 74a

Chemical Properties

CAS No. :	1432051-63-2
Formula:	C ₁₇ H ₁₇ F ₃ N ₂ O ₂
Molecular Weight:	338.32
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	TRPV3 antagonist 74a (TRPV3 74a) is a specific TRPV3 antagonist for the study of neurological disorders.
Targets(IC50)	TRP/TRPV Channel
In vivo	In WT mice, TRPV3 antagonist 74a (150 µg; Intradermal injection; 30 minutes) significantly reduced the number of scratches[2].

Solubility Information

Solubility	DMSO: 1 mg/mL (2.96 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9558 mL	14.7789 mL	29.5578 mL
5 mM	0.5912 mL	2.9558 mL	5.9116 mL
10 mM	0.2956 mL	1.4779 mL	2.9558 mL
50 mM	0.0591 mL	0.2956 mL	0.5912 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.

Reference

Gomtsyan A, et al. Synthesis and Pharmacology of (Pyridin-2-yl)methanol Derivatives as Novel and Selective Transient Receptor Potential Vanilloid 3 Antagonists. J Med Chem. 2016;59(10):4926-4947.

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