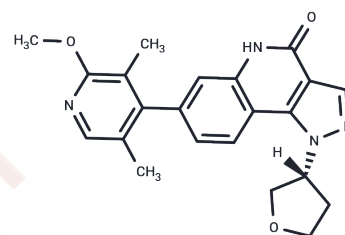


(R)-Irsenontrine

Chemical Properties

CAS No. :	1429509-81-8
Formula:	C ₂₂ H ₂₂ N ₄ O ₃
Molecular Weight:	390.44
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	(R)-Irsenontrine ((R)-E2027), the R-enantiomer of Irsenontrine, is a potent inhibitor of phosphodiesterase 9 (PDE9) with an IC ₅₀ of 0.041 μM, primarily used in neurological disease research [1].
Targets(IC ₅₀)	Others,PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5612 mL	12.8061 mL	25.6121 mL
5 mM	0.5122 mL	2.5612 mL	5.1224 mL
10 mM	0.2561 mL	1.2806 mL	2.5612 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 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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