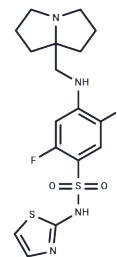


Nav1.7-IN-3

Chemical Properties

CAS No. : 1788872-06-9
Formula: C₁₇H₂₀ClFN₄O₂S₂
Molecular Weight: 430.95
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Nav1.7-IN-3 is a selective and orally bioavailable inhibitor of voltage-gated sodium channel Nav1.7(IC ₅₀ of 8 nM).
Targets(IC ₅₀)	Others
In vivo	Nav1.7-IN-3(compound 5) with excellent potency, selectivity, behavioral efficacy in a rodent pain model, and efficacy in a mouse itch model suggestive of target modulation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3205 mL	11.6023 mL	23.2045 mL
5 mM	0.4641 mL	2.3205 mL	4.6409 mL
10 mM	0.232 mL	1.1602 mL	2.3205 mL
50 mM	0.0464 mL	0.232 mL	0.4641 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

Roecker AJ, et al. Discovery of selective, orally bioavailable, N-linked arylsulfonamide Nav1.7 inhibitors with pain efficacy in mice. *Bioorg Med Chem Lett*. 2017 May 15;27(10):2087-2093.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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