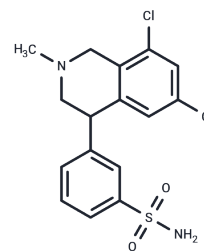


NHE3-IN-3

Chemical Properties

CAS No. : 543734-50-5
 Formula: C₁₆H₁₆Cl₂N₂O₂S
 Molecular Weight: 371.28
 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	NHE3-IN-3 (Compound 1) is a potent inhibitor of isoform 3 of the Na ⁺ /H ⁺ exchanger (NHE3), exhibiting pIC ₅₀ values of 6.2 and 6.6 against human and rat NHE3, respectively, and demonstrates exceptional oral bioavailability of 98% in Sprague-Dawley rats [1].
Targets(IC ₅₀)	Others,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6934 mL	13.4669 mL	26.9339 mL
5 mM	0.5387 mL	2.6934 mL	5.3868 mL
10 mM	0.2693 mL	1.3467 mL	2.6934 mL
50 mM	0.0539 mL	0.2693 mL	0.5387 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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