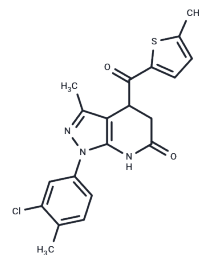


S9-A13

Chemical Properties

CAS No. : 1223771-84-3
 Formula: C₂₀H₁₈ClN₃O₂S
 Molecular Weight: 399.89
 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	S9-A13 is a potent and selective inhibitor of SLC26A9, exhibiting an IC ₅₀ of 90.9 nM without inhibiting other members of the SLC26 family, such as SLC26A3, SLC26A4, and SLC26A6. It also inhibits the SLC26A9 Cl ⁻ current in cells lacking CFTR expression.
Targets(IC ₅₀)	Chloride channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5007 mL	12.5034 mL	25.0069 mL
5 mM	0.5001 mL	2.5007 mL	5.0014 mL
10 mM	0.2501 mL	1.2503 mL	2.5007 mL
50 mM	0.050 mL	0.2501 mL	0.5001 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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