

THRX-144644

Chemical Properties

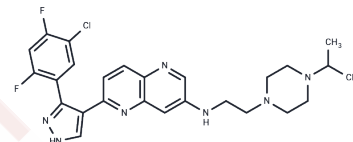
CAS No. : 2442519-59-5

Formula: C₂₆H₂₈ClF₂N₇

Molecular Weight: 512

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	THRX-144644, a lung-restricted ALK5 inhibitor, exhibits a potent IC ₅₀ value of 0.14 nM and circumvents systemic toxicities linked to TGFβ pathway inhibition.
Targets(IC ₅₀)	Others, TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9531 mL	9.7656 mL	19.5312 mL
5 mM	0.3906 mL	1.9531 mL	3.9062 mL
10 mM	0.1953 mL	0.9766 mL	1.9531 mL
50 mM	0.0391 mL	0.1953 mL	0.3906 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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