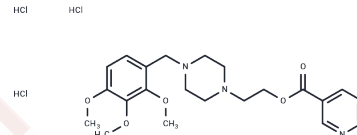


Ninerafaxstat trihydrochloride

Chemical Properties

CAS No. :	2311824-72-1
Formula:	C ₂₂ H ₃₂ Cl ₃ N ₃ O ₅
Molecular Weight:	524.87
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	Ninerafaxstat trihydrochloride shifts cellular metabolism to glucose oxidation from fatty acid oxidation. Ninerafaxstat trihydrochloride improves overall mitochondrial respiration and reduces fatty acid oxidation, thereby inhibiting the proliferation and growth of cancer cells.
Targets(IC50)	Others,Mitochondrial Metabolism

Solubility Information

Solubility	DMSO: 82.92 mg/mL (157.98 mM),Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9052 mL	9.5262 mL	19.0523 mL
5 mM	0.381 mL	1.9052 mL	3.8105 mL
10 mM	0.1905 mL	0.9526 mL	1.9052 mL
50 mM	0.0381 mL	0.1905 mL	0.381 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.

Reference

Levin, Andrew D, et, al. Methods of treating cancer using trimetazidine-based compounds.WO2020190671A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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