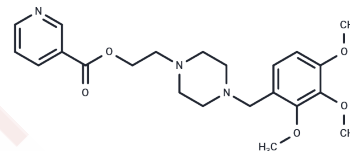


Ninerafaxstat

Chemical Properties

CAS No. :	2254741-41-6
Formula:	C ₂₂ H ₂₉ N ₃ O ₅
Molecular Weight:	415.48
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 shifts cellular metabolism from fatty acid oxidation to glucose oxidation. Ninerafaxstat decreases fatty acid oxidation and improve overall mitochondrial respiration. Ninerafaxstat inhibit the growth and proliferation of cancer cells [1].
Targets(IC50)	Others, Mitochondrial Metabolism

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4069 mL	12.0343 mL	24.0685 mL
5 mM	0.4814 mL	2.4069 mL	4.8137 mL
10 mM	0.2407 mL	1.2034 mL	2.4069 mL
50 mM	0.0481 mL	0.2407 mL	0.4814 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.

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