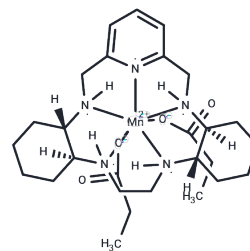


Rucosopasem manganese

Chemical Properties

CAS No. :	2248030-85-3
Formula:	C ₂₇ H ₄₅ MnN ₅ O ₄
Molecular Weight:	558.626
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	Rucosopasem manganese (GC4711) is a potent and selective superoxide dismutase (SOD) mimetic that efficiently converts superoxide to hydrogen peroxide. Designed for research purposes, this compound shows promise in cancer-related studies.
Targets(IC50)	Others, Reactive Oxygen Species, ROS
In vitro	Rucosopasem manganese (GC4711) acts as a selective mimetic of superoxide dismutase, facilitating the conversion of superoxide into hydrogen peroxide[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7901 mL	8.9505 mL	17.9009 mL
5 mM	0.358 mL	1.7901 mL	3.5802 mL
10 mM	0.179 mL	0.895 mL	1.7901 mL
50 mM	0.0358 mL	0.179 mL	0.358 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

GRECO-2: A randomized, phase 2 study of stereotactic body radiation therapy (SBRT) in combination with GC4711 in the treatment of unresectable or borderline resectable nonmetastatic pancreatic cancer (PC).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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