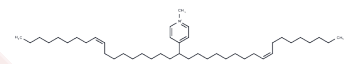


SAINT-2

Chemical Properties

CAS No. :	187587-97-9
Formula:	C ₄₃ H ₇₈ ClN
Molecular Weight:	644.54
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	SAINT-2 is a cationic lipid with gene transfection activity and is a pyridinium lipid analog. It forms molecular membranes that interact with plasmids, creating lipid complexes. Once these complexes are taken up by cells, the plasmid dissociates from the lipid complex due to the action of DOPE, facilitating translocation across the endosomal and/or nuclear membranes. This process efficiently transfers small oligonucleotides into cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5515 mL	7.7575 mL	15.5149 mL
5 mM	0.3103 mL	1.5515 mL	3.103 mL
10 mM	0.1551 mL	0.7757 mL	1.5515 mL
50 mM	0.031 mL	0.1551 mL	0.3103 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481