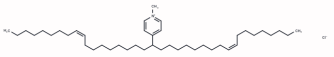
SAINT-2

Cat. No.: **SN-M-LM1259**

Chemical Properties

Product Name	SAINT-2
Full Name	4-[(9Z,28Z)-heptatriaconta-9,28-dien-19-yl]-1-methylpyridin-1-ium chloride
Cat. No.	SN-M-LM1259
CAS No.	187587-97-9
Molecular Formula	C43H78ClN
Molecular Weight	644.54
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure



Biological 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.

Related Products / Keywords

- SAINT-2

This product is a research reagent and must not be used for clinical validation or human therapeutic use.