

## N-Sterol

## Chemical Properties

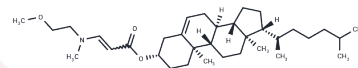
CAS No. : 3069417-18-8

Formula: C<sub>34</sub>H<sub>57</sub>NO<sub>3</sub>

Molecular Weight: 527.82

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	N-Sterol is a sterol lipid employed in the formation of lipid nanoparticles (LNP) for delivering mRNA both in vitro and in vivo. N-Sterol LNPs are absorbed by J774A.1 macrophages in a manner dependent on lipid composition, involving clathrin-coated pits, caveolin-mediated endocytosis, micropinocytosis, or phagocytosis at varying frequencies.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8946 mL	9.4729 mL	18.9459 mL
5 mM	0.3789 mL	1.8946 mL	3.7892 mL
10 mM	0.1895 mL	0.9473 mL	1.8946 mL
50 mM	0.0379 mL	0.1895 mL	0.3789 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