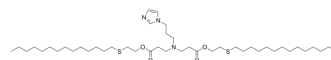


## 93-017S

**Cat. No.:** HY-153372  
**CAS No.:** 2227008-67-3  
**Molecular Formula:** C<sub>44</sub>H<sub>83</sub>N<sub>3</sub>O<sub>4</sub>S<sub>2</sub>  
**Molecular Weight:** 782.28  
**Target:** Liposome  
**Pathway:** Metabolic Enzyme/Protease  
**Storage:** -20°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (127.83 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.2783 mL	6.3916 mL	12.7831 mL
	5 mM	0.2557 mL	1.2783 mL	2.5566 mL
	10 mM	0.1278 mL	0.6392 mL	1.2783 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

93-017S is a chalcogen-containing ionizable cationic lipid used for making lipid nanoparticles (LNPs).

### REFERENCES

[1]. WO2019152848A1

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA