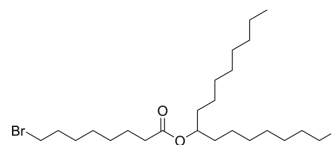


## Heptadecan-9-yl 8-bromooctanoate

Cat. No.:	HY-W440813	
CAS No.:	2089253-22-3	
Molecular Formula:	C <sub>25</sub> H <sub>49</sub> BrO <sub>2</sub>	
Molecular Weight:	461.56	
Target:	Liposome	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (216.66 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1666 mL	10.8328 mL	21.6657 mL
5 mM	0.4333 mL	2.1666 mL	4.3331 mL
10 mM	0.2167 mL	1.0833 mL	2.1666 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (5.42 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: 2.5 mg/mL (5.42 mM); Suspended solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

Heptadecan-9-yl 8-bromooctanoate can be useful for the building or modification of lipid nanoparticles.

**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