

306-O12B-3

Cat. No.: HY-137501

Molecular Formula: $C_{46}H_{91}N_3O_6S_6$

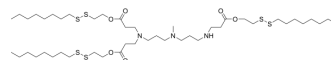
Molecular Weight: 974.62

Target: Others

Pathway: Others

Storage: -20°C, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 3.33 mg/mL (3.42 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.0260 mL	5.1302 mL	10.2604 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

306-O12B-3 is a lipidoid that can efficiently deliver ASO both in vitro and in vivo. 306-O12B-3 is used to transport small molecule drugs across the blood-brain barrier (BBB)^[1].

REFERENCES

[1]. Ma F, et al. Neurotransmitter-derived lipidoids (NT-lipidoids) for enhanced brain delivery through intravenous injection. Sci Adv. 2020 Jul 24;6(30):eabb4429.

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

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