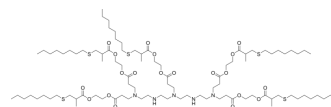


5A2-SC8

Cat. No.:	HY-145799
CAS No.:	1857341-90-2
Molecular Formula:	C ₉₃ H ₁₇₃ N ₅ O ₂₀ S ₅
Molecular Weight:	1841.72
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (54.30 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.5430 mL	2.7149 mL	5.4297 mL
	5 mM	0.1086 mL	0.5430 mL	1.0859 mL
	10 mM	0.0543 mL	0.2715 mL	0.5430 mL

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

BIOLOGICAL ACTIVITY

Description

5A2-SC8 is a degradable lipid-like compound (ester-based dendrimer) for small RNAs delivery.

CUSTOMER VALIDATION

- Pharmaceutics. 2022, 14(10), 2129.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Zhou K, Nguyen LH, Miller JB, et al. Modular degradable dendrimers enable small RNAs to extend survival in an aggressive liver cancer model. Proc Natl Acad Sci U S A. 2016;113(3):520-525.

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

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