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**Product Data Sheet**

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Product Name: 5A2-SC8  
Cat. No.: GC64809

**Chemical Properties**

Cas. No. 1857341-90-2

Formula C<sub>93</sub>H<sub>173</sub>N<sub>5</sub>O<sub>20</sub>S<sub>5</sub>

M.Wt 1841.72

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

Storage Store at -20°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

**Background**

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

[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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