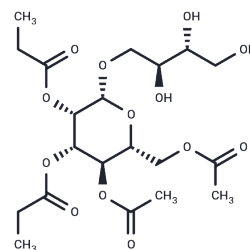


MEL-A

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 3029766-02-4 |
| Formula: | C ₂₀ H ₃₂ O ₁₃ |
| Molecular Weight: | 480.46 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|--|
| Description | MEL-A is a glycolipid biosurfactant produced by Pseudozyma from vegetable oils. It enhances the low-temperature fluidity of biodiesel and hydrocarbon fuels. Comprising a mix of MEL-A isomers with varying fatty acid chain lengths, MEL-A significantly boosts gene transfection via membrane fusion using cationic liposomes. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0813 mL | 10.4067 mL | 20.8134 mL |
| 5 mM | 0.4163 mL | 2.0813 mL | 4.1627 mL |
| 10 mM | 0.2081 mL | 1.0407 mL | 2.0813 mL |
| 50 mM | 0.0416 mL | 0.2081 mL | 0.4163 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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