

Product Data Sheet

Product Name: Decanoic acid, 2-hexyl-, 6-oxohexyl ester-1

Cat. No.: GC27889

Chemical Properties

Cas. No. 1849616-53-0

Chemical Name Decanoic acid, 2-hexyl-, 6-hydroxyhexyl ester

SMILES CCCCCCCCC(CCCCC)C(OCCCCCO)=O

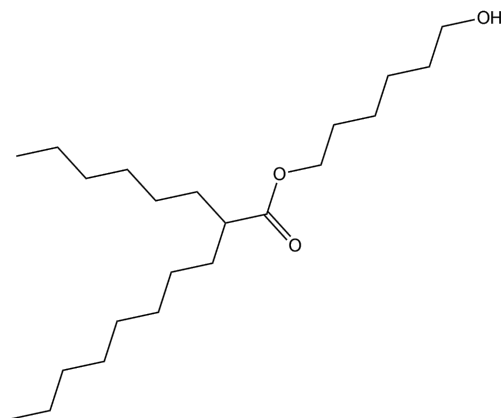
Formula $C_{22}H_{44}O_3$ M.Wt 356.58

Solubility DMSO : 100 mg/mL (280.44 mM; Need ultrasonic) Storage Store at room temperature, keep dry and cool

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

Decanoic acid, 2-hexyl-, 6-oxohexyl ester-1 is a lipid product can be used for drug delivery [1].

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

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References:

[1]. Steven M A, et al. Lipids and lipid nanoparticle formulations for delivery of nucleic acids.
US10166298.

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