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**Product Data Sheet**

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Product Name: 3-hydroxy Lignoceric Acid

Cat. No.: GC40474

**Chemical Properties**

Cas. No. 91297-89-1

SMILES CCCCCCCCCCCCCCCCCCCC(O)CC(O)=OFormula  $C_{24}H_{48}O_3$ 

M.Wt

384.6

Solubility Chloroform: 0.3 mg/mL

Storage

Store at -20°C

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**

3-hydroxy Lignoceric acid is a hydroxylated form of the 24-carbon saturated lignoceric acid . 3-hydroxy Lignoceric acid is found in minor amounts in Methyloligella, a novel Gram-negative bacteria. 3-hydroxy Lignoceric acid, in the form of an acyl-CoA metabolite, is an intermediate in fatty acid chain elongation from docosanoic acid to lignoceric acid (C24:0).

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

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