

Product Data Sheet

Product Name: 2-Decanol

Cat. No.: GD09822

Chemical Properties

Cas. No. 1120-06-5

Formula $C_{10}H_{22}O$

M.Wt 158.28

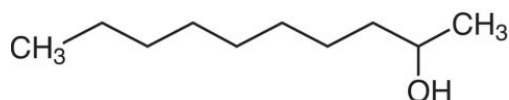
Solubility

Storage -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

2-Decanol can be used to develop a miniature catalytic reactor for the oxidation of alcohols with oxygen in supercritical carbon dioxide. 2-Decanol can be used in research on the substrate spectrum

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

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of phytanoyl-CoA hydroxylase with regard to the length of both the acyl chain and the branch at position^{[1][2]}.

References:

[1].Adrian O. Chapman, et al., Continuous heterogeneous catalytic oxidation of primary and secondary alcohols in scCO₂. Green Chemistry.

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