

Product Data Sheet

Product Name: 4-Decanol

Cat. No.: GD09823

Chemical Properties

Cas. No. 2051-31-2

Formula C₁₀H₂₂O

M.Wt 158.281

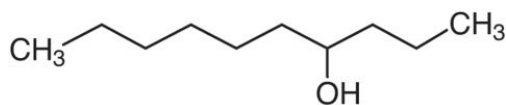
Solubility

Storage

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

4-Decanol is an antimutagenic compound, that can be isolated from mustard leaves. 4-Decanol inhibits mutagenic activities of AFB₁ and MNNG in Salmonella typhimurium TA100.

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

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- [1]. Mahmood, U., et al. (2004). Volatile constituents of *Capillipedium parviflorum*. *Phytochemistry*, 65(14), 2163-2166.
- [2]. Kim J O , et al. Antimutagenic effects of 4-decanol identified from mustard leaf. *Applied Biological Chemistry*, 1993, 36:424-427.

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