
Product Data Sheet

Product Name: 1,3,5-Triisopropylbenzene

Cat. No.: GC61731

Chemical Properties

Cas. No. 717-74-8

SMILES CC(C)C1=CC(=CC(=C1)C(C)C)C(C)C

Formula C₁₅H₂₄

M.Wt 204.36

Solubility DMSO : 100 mg/mL (489.33 mM; Need ultrasonic) 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

1,3,5-Triisopropylbenzene acts as a fuel and fuel additive. 1,3,5-Triisopropylbenzene is also used in lubricants and lubricant additives. 1,3,5-Triisopropylbenzene is used as a micelle expander[1].

[1]. Sharif F. Zaman, et al. Kinetics of Desorption of 1,3-Diisopropylbenzene and 1,3,5-Triisopropylbenzene. 2. Diffusion in FCC Catalyst Particles by Zero Length Column Method. Ind. Eng. Chem. Res. 2015, 54, 16, 4572-4580.

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

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