
Product Data Sheet

Product Name: Isophorone

Cat. No.: GC60951

Chemical Properties

Cas. No. 78-59-1

SMILES O=C1C=C(C)CC(C)(C)C1Formula C9H14O

M.Wt 138.21

Solubility DMSO : 100 mg/mL (723.54 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**

Isophorone (IPHO), an α,β -unsaturated cyclic ketone, is a clear liquid with a camphor-like odor. Isophorone is used as a precursor to polymers.

[1] Shaghayegh Dezvarei, et al. Enzyme Microb Technol. 2018 Apr;111:29-37.

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

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