
Product Data Sheet

Product Name: 1,2,3,4-Tetramethylbenzene

Cat. No.: GC61719

Chemical Properties

Cas. No. 488-23-3

SMILES CC1=CC=C(C)C(C)=C1CFormula $C_{10}H_{14}$

M.Wt 134.22

Solubility DMSO : 100 mg/mL (745.05 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**

1,2,3,4-Tetramethylbenzene consists of a benzene ring with four methyl groups (-CH₃) as a substituent. 1,2,3,4-Tetramethylbenzene is a specialty product for biochemistry research[1].

[1]. Ying Duan Lei, et al. Measuring the Octan-1-ol Air Partition Coefficient of Volatile Organic Chemicals with the Variable Phase Ratio Headspace Technique. Cite this: J. Chem. Eng. Data 2019, 64, 11, 4793-4800.

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

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