

Product Data Sheet

Product Name: 1,3,5-Trimethoxybenzene

Cat. No.: GC38328

Chemical Properties

Cas. No. 621-23-8

SMILES COC1=CC(OC)=CC(OC)=C1

Formula $C_9H_{12}O_3$

M.Wt 168.19

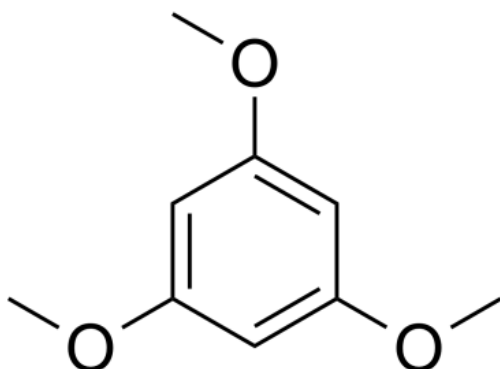
Solubility Soluble in DMSO

Storage Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution: ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



Background

1,3,5-Trimethoxybenzene is a key component of the Chinese rose odor. 1,3,5-Trimethoxybenzene is synthesized in three successive methylation steps from phloroglucinol, the initial precursor. 1,3,5-Trimethoxybenzene is an effective sedative[1].

[1]. Wu S, et al. The key role of phloroglucinol O-methyltransferase in the biosynthesis of *Rosa chinensis* volatile 1,3,5-trimethoxybenzene. *Plant Physiol.* 2004 May;135(1):95-102.

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

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