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**Product Data Sheet**

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Product Name: Trimethylhydroquinone

Cat. No.: GC61721

**Chemical Properties**

Cas. No. 700-13-0

SMILES OC1=CC(C)=C(O)C(C)=C1CFormula C9H12O2

M.Wt 152.19

Solubility DMSO : 62.5 mg/mL (410.67 mM; Need ultrasonic)

Storage 4°C, stored under nitrogen

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**

Trimethylhydroquinone is a key intermediate for the synthesis of Vitamin E or other trimethylhydroquinone derivatives with antioxidative effects[1].

[1]. Y. Ichikawa, et al. A New Process for the Production of Trimethylhydroquinone. Cite this: Ind. Eng. Chem. Prod. Res. Dev. 1979, 18. [2]. N Kawasaki, et al. Synthesis of trimethylhydroquinone derivatives as anti-allergic agents with anti-oxidative actions. Chem Pharm Bull (Tokyo). 1999 Feb;47(2):177-81.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA