
Product Data Sheet

Product Name: 2,2-Dihydroxy-1-phenylethan-1-one

Cat. No.: GC60456

Chemical Properties

Cas. No. 1075-06-5

SMILES OC(O)C(C1=CC=CC=C1)=OFormula $C_8H_8O_3$

M.Wt 152.15

Solubility DMSO: 250 mg/mL (1643.12 mM)

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**

Phenylglyoxal (1-Phenylethanedione) is a potent inhibitor of mitochondrial aldehyde dehydrogenase. It reacts with arginine residues in purified Hageman factor (HF, Factor XII) and causes inhibition of its coagulant properties.

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