

Product Data Sheet

Product Name: 2-HOBA
Cat. No.: GC40503

Chemical Properties

Cas. No. 932-30-9

SMILES OC1=C(CN)C=CC=C1

Formula C₇H₉NO

M.Wt 123.2

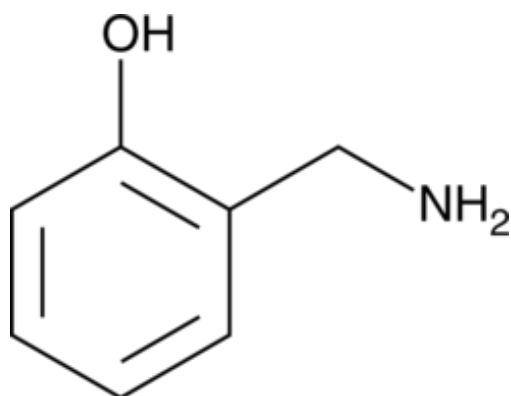
Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS(pH 7.2) (1:3): 0.25 mg/ml

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

2-HOBA is an isoketal scavenger. In vivo, 2-HOBA reduces angiotensin II-induced increases in blood pressure and decreases isoketal accumulation in mouse heart and vasculature. It also prevents angiotensin II-induced collagen IV accumulation and renal damage in mouse kidney. 2-HOBA has also been used as a building block in the synthesis of saluretic agents and task-specific ionic liquids.

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