
Product Data Sheet

Product Name: 1-Hydroxy-ibuprofen

Cat. No.: GC60447

Chemical Properties

Cas. No. 53949-53-4

SMILES O=C(O)C(C)C1=CC=C(C(O)C(C)C)C=C1Formula $C_{13}H_{18}O_3$ M.Wt 222.28

Solubility 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-hydroxy ibuprofen is a metabolite of the non-steroidal anti-inflammatory drug (NSAID) and non-selective COX inhibitor ibuprofen.¹

1. Neunzig, I., G?hring, A., Dr?gan, C.-A., et al. Production and NMR analysis of the human ibuprofen metabolite 3-hydroxyibuprofen. *J. Biotechnol.* 157(3):417-420(2012)

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