

Product Data Sheet

Product Name: Hexanoic Acid-d11

Cat. No.: GC45470

Chemical Properties

Cas. No. 95348-44-0

SMILES OC(C([2H])([2H])C([2H])([2H])C([2H])([2H])C([2H])([2H])C([2H])([2H])C([2H])([2H])[2H])=O

Formula C₆HD₁₁O₂

M.Wt 127.2

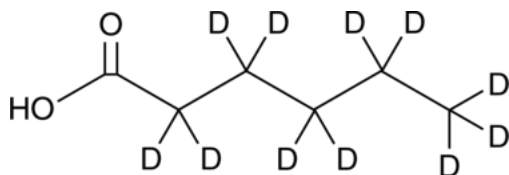
Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, Ethanol: 30 mg/ml

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

Hexanoic acid-d11 is intended for use as an internal standard for the quantification of hexanoic acid by GC- or LC-MS. Hexanoic acid is a short-chain saturated fatty acid that has been found in various animal fats used in biodiesel production.¹

References

1. Sales, E.A., Ghirardi, M.L., and Jorquera, O. Subcritical ethylic biodiesel production from wet animal fat and vegetable oils: A net energy ratio analysis. *Energy Convers. Manag.* 141, 216-223 (2017).

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