
Product Data Sheet

Product Name: 2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid

Cat. No.: GC60454

Chemical Properties

Cas. No. 413624-71-2

SMILES O=C(O)C(C)(C)CCCCC(CCCCC(C)(C)C(O)=O)=O

Formula $C_{19}H_{34}O_5$

M.Wt 342.47

Solubility DMSO : 100 mg/mL (292.00 mM; Need ultrasonic) 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

2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid is a ketone compound extracted from patent WO2002030860A2, compound example II-9. 2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid can be used for the research of cardiovascular diseases, dyslipidemias, dysproteinemias, and glucose metabolism disorders[1].

[1]. Jean-Louis H. Dasseux, et al. Ketone compounds and compositions for cholesterol management and related uses. WO2002030860A2.

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