

Product Data Sheet

Product Name: 1-(7-Hydroxy-4-methyloctyl) 1,2-cyclohexanedicarboxylate

Cat. No.: GC79605

Chemical Properties

Cas. No. 1637562-52-7

Formula $C_{17}H_{30}O_5$

M.Wt 314.42

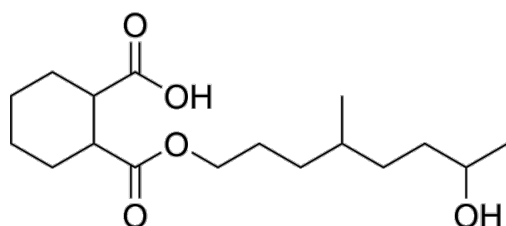
Solubility

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-(7-Hydroxy-4-methyloctyl) 1,2-cyclohexanedicarboxylate is a metabolite of di (isononyl) cyclohexane-1,2-dicarboxylate (DINCH), an alternative for phthalate plasticizers. It can be used as a biomarker of exposure to DINCH.

References:

[1]. Silva MJ, Furr J, Preau JL Jr, Samandar E, Gray LE, Calafat AM. Identification of potential biomarkers of exposure to di(isononyl)cyclohexane-1,2-dicarboxylate (DINCH), an alternative for phthalate plasticizers. J Expo Sci Environ Epidemiol. 2012;22(2):204-211.

Caution: Product has not been fully validated for medical applications. For research use only.

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