
Product Data Sheet

Product Name: 2-Tridecanone

Cat. No.: GC61919

Chemical Properties

Cas. No. 593-08-8

SMILES CCCCCCCCCCCC(C)=O

Formula C₁₃H₂₆O

M.Wt 198.35

Solubility DMSO : 50 mg/mL (252.08 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-Tridecanone, a nonalkaloid insecticide, is isolated from the wild tomato *Lycopersicon hirsutum* f. *glabratum*. 2-Tridecanone is a volatile organic compound[1][2].

References:

[1]. Williams WG, et, al. 2-Tridecanone: A Naturally Occurring Insecticide from the Wild Tomato *Lycopersicon hirsutum* f. *glabratum*. *Science*. 1980 Feb 22;207(4433):888-9.

[2]. Antonious GF, et, al. 2-undecanone and 2-tridecanone in field-grown onion. *J Environ Sci Health B*. 2013;48(4):302-7.

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
