

Product Data Sheet

Product Name: 2-Hydroxyacetophenone

Cat. No.: GC61674

Chemical Properties

Cas. No. 582-24-1

SMILES OCC(C1=CC=CC=C1)=O

Formula $C_8H_8O_2$ M.Wt 136.15

Solubility DMSO : 12.5 mg/mL (91.81 mM; ultrasonic and warming and heat to 60°C) 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.

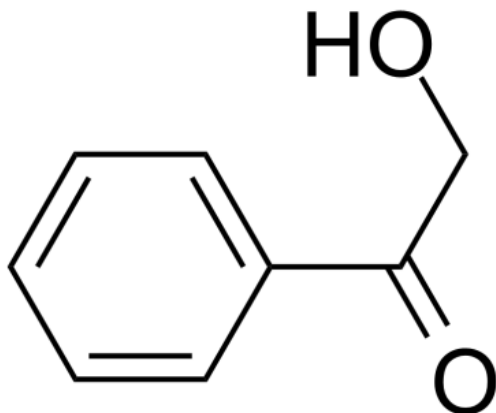
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

2-Hydroxyacetophenone is a principal root volatile of the *Carissa edulis*[1]. 2-Hydroxyacetophenone shows inhibitory effects on infection of HIV/SARS-CoV S pseudovirus with an IC₅₀ of 1.8 mM[2].

[1]. M D Bentley, et al. 2-Hydroxyacetophenone: principal root volatile of the East African medicinal plant, *Carissa edulis*. J Nat Prod. Nov-Dec 1984;47(6):1056-7. [2]. Min Zhuang, et al. Procyanidins and butanol extract of *Cinnamomi Cortex* inhibit SARS-CoV infection. Antiviral Res. 2009 Apr;82(1):73-81.

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