

Product Data Sheet

Product Name: 1-Hydroxy-2-butanone

Cat. No.: GC61643

Chemical Properties

Cas. No. 5077-67-8

SMILES CCC(CO)=O

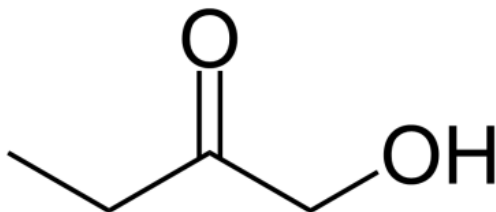
Formula C4H8O2 M.Wt 88.11

Solubility DMSO : 100 mg/mL (1134.94 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

1-Hydroxy-2-butanone is a natural compound isolated from Bomboo Juice with antitubercular activity[1].

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

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[1]. Vanessa Faugeron, et al. Synthesis and biological evaluation of conformationally constrained analogues of the antitubercular agent ethambutol. Bioorg Med Chem. 2007 Sep 1;15(17):5866-76.

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