

Product Data Sheet

Product Name: 3-Furaldehyde

Cat. No.: GC61730

Chemical Properties

Cas. No. 498-60-2

SMILES O=CC1=COC=C1

Formula C5H4O2

M.Wt 96.08

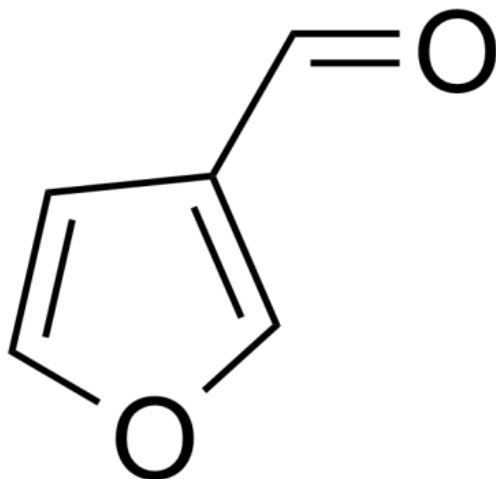
Solubility DMSO : 50 mg/mL (520.40 mM;
ultrasonic and warming and heat to
60°C)

Storage 4°C, stored under nitrogen

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

3-Furaldehyde is a member of furans and an aldehyde, and can be used to synthesize the neoclerodane diterpene Salvinorin A[1][2].

[1]. Nihal Ku?, et al. Photoisomerization and photochemistry of matrix-isolated 3-furaldehyde. J Phys

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

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Chem A. 2010 Dec 2;114(47):12427-36. [2]. Yuzhou Wang, et al. Total Synthesis of the Neoclerodane Diterpene Salvinorin A via an Intramolecular Diels-Alder Strategy. Org Lett. 2018 Jun 1;20(11):3418-3421.

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