

## Product Data Sheet

Product Name: 3-Furanmethanol

Cat. No.: GC61700

### Chemical Properties

Cas. No. 4412-91-3

SMILES OCC1=COC=C1

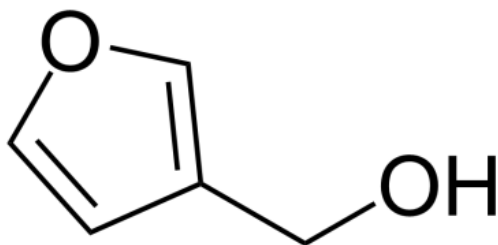
Formula C5H6O2 M.Wt 98.1

Solubility DMSO : 100 mg/mL (1019.37 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

3-Furanmethanol belongs to the compound class of furan with a wide range of sensory properties. 2-cyanonaphthalenes undergo photocycloaddition reactions with 3-Furanmethanol efficiently and with high degrees of regioselectivity[1][2].

[1]. Ivan Salmerón, et al. Sensory characteristics and volatile composition of a cereal beverage

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

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fermented with Bifidobacterium breve NCIMB 702257. Food Sci Technol Int. 2014 Apr;20(3):205-13.  
[2]. Hajime Maeda, et al. Hydrogen-bonding directed, regioselective photocycloaddition reactions of cyanonaphthalenes with furanmethanols. Photochem Photobiol Sci. 2011 Sep;10(9):1445-9.

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