
Product Data Sheet

Product Name: 2-Acetylpyrrole

Cat. No.: GC61710

Chemical Properties

Cas. No. 1072-83-9

SMILES CC(=O)C1=CC=CN1Formula C₆H₇NO

M.Wt 109.13

Solubility DMSO : 100 mg/mL (916.34 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-Acetylpyrrole is a product of model browning systems, and has been isolated as a major flavour component of many foods[1]. 2-Acetylpyrrole has been used in the synthesis of 2-acetyl-1-pyrroline[2].

[1]. C J Wang, et al. Mutagenicity and cytotoxicity of nitropyrrole compounds derived from the reaction of 2-acetyl pyrrole with nitrite. Food Chem Toxicol. 1994 Sep;32(9):839-44. [2]. Ron G. Buttery, et al. Cooked rice aroma and 2-acetyl-1-pyrroline. J. Agric. FoodChem. 1983, 31, 4, 823-826

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

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