

Product Data Sheet

Product Name: 3-Methylpyrazole

Cat. No.: GC30469

Chemical Properties

Cas. No. 1453-58-3

SMILES CC1=NNC=C1

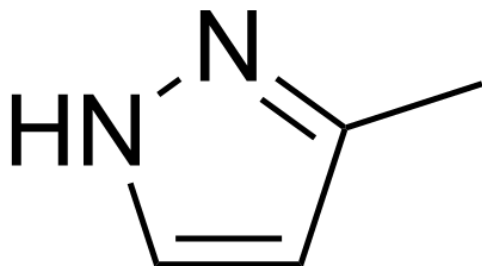
Formula C4H6N2 M.Wt 82.1

Solubility Water : 25 mg/mL (304.51 mM) 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-Methylpyrazole is used as a nitrification inhibitor of nitrification in soil[1].

3-Methylpyrazole could inhibit the metabolism of MAM by rat liver microsomes[2].

[1]. G.W. McCarty, et al. Inhibition of nitrification in soil by heterocyclic nitrogen compounds. Biol Fertil Soils (1989) 8:204-211. [2]. Fiala ES, et al. Differential effects of 4-iodopyrazole and 3-

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

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methylpyrazole on the metabolic activation of methylazoxymethanol to a DNA methylating species by rat liver and rat colon mucosa in vivo. J Cancer Res Clin Oncol. 1987;113(2):145-50.

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