

## Product Data Sheet

Product Name: 4-Hydroxymethylpyrazole

Cat. No.: GC39691

### Chemical Properties

Cas. No. 25222-43-9

SMILES OCC1=CN=C1

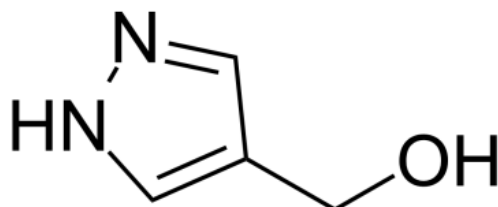
Formula C4H6N2O M.Wt 98.1

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

4-Hydroxymethylpyrazole is the primary metabolite of Fomepizole. Fomepizole is a competitive inhibitor of the enzyme alcohol dehydrogenase[1].

[1]. R Blomstrand, et al. Pyrazoles as Inhibitors of Alcohol Oxidation and as Important Tools in

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

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Alcohol Research: An Approach to Therapy Against Methanol Poisoning. Proc Natl Acad Sci U S A .  
1979 Jul;76(7):3499-503.

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