
Product Data Sheet

Product Name: 5-Methoxy-2-benzimidazolethiol

Cat. No.: GC39781

Chemical Properties

Cas. No. 37052-78-1

SMILES COC1=CC(N2)=C(NC2=S)C=C1Formula C₈H₈N₂OS

M.Wt 180.23

Solubility DMSO : 100 mg/mL (554.85 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**

5-Methoxy-2-benzimidazolethiol is a benzimidazole. The iodimetric determination of 5-Methoxy-2-benzimidazolethiol in alkaline media is studied[1].

[1]. Witold Ciesielski, et al. Iodimetric Determination of 2-Benzimidazolethiols and 2-Benzothiazolethiols. Chem. Anal. (Warsaw), 49, 577 (2004).

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

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