

Product Data Sheet

Product Name: 7-Methylxanthine

Cat. No.: GC31617

Chemical Properties

Cas. No. 552-62-5

SMILES CN1C=NC2=C1C(=O)NC(=O)N2

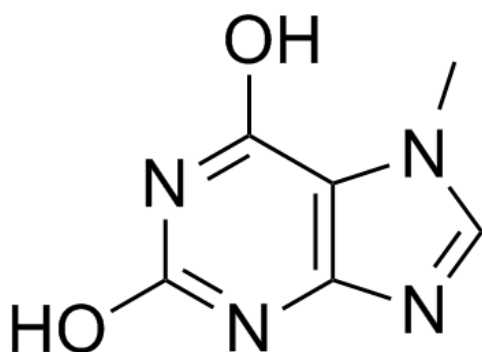
Formula C6H6N4O2 M.Wt 166.14

Solubility DMSO: 5 mg/mL (30.10 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

7-Methylxanthine, a methyl derivative of xanthine, is one of the purine components in urinary calculi.

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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[1]. Caubet MS, et al. Determination of urinary ¹³C-caffeine metabolites by liquid chromatography-mass spectrometry: the use of metabolic ratios to assess CYP1A2 activity. J Pharm Biomed Anal. 2004 Feb 4;34(2):379-89.

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