
Product Data Sheet

Product Name: 7-Methyluric Acid

Cat. No.: GC18284

Chemical Properties

Cas. No. 612-37-3

Chemical Name 7,9-dihydro-7-methyl-1H-purine-2,6,8(3H)-trione

SMILES O=C(C(N(C)C(N1)=O)=C1N2)NC2=OFormula $C_6H_6N_4O_3$

M.Wt 182.1

Solubility DMF: 5 mg/ml, DMSO: 20 mg/ml, DMSO:PBS (pH 7.2)
(1:1): 0.5 mg/ml

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-Methyluric acid is a methylated purine and uric acid derivative. It is a metabolite of caffeine that can be detected in urine. 7-Methyluric acid can also be detected in uric acid stones.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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