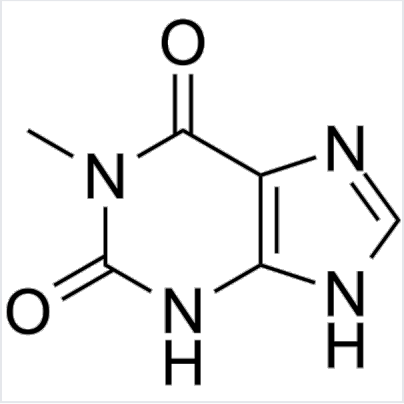
1-Methylxanthine

PRODUCT OVERVIEW

Product Name	1-Methylxanthine, Biochemical
Full Product Name	1-Methylxanthine
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >= 2 years
Molecular Weight	166.14
SMILES	Cn1c(=O)[nH]c2nc[nH]c2c1=O
Molecular Formula	C6H6N4O2
CAS Number	6136-37-4
Product Categories/Family for 1-Methylxanthine biochemical	Endogenous Metabolite; Proteasome/Ubiquitin
Related Product Information for 1-Methylxanthine biochemical	1-Methylxanthine is a caffeine derivative. 1-Methylxanthine is an essential human urinary metabolite of caffeine and theophylline (1,3-dimethylxanthine, TP).
Product References and Citations for 1-Methylxanthine biochemical	1.Marks KR, et al. Synthesis and evaluation of 1-cyclopropyl-2-thioalkyl-8-methoxy fluoroquinolones.Bioorg Med Chem Lett. 2011 Aug 1;21(15):4585-8.
Other Notes	Small volumes of 1-Methylxanthine biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for 1-Methylxanthine purchase	MBS3614664 is a biochemical targeting 1-Methylxanthine.



Chemical Structure of 1-Methylxanthine biochemical

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for 1-Methylxanthine. It may not necessarily be applicable to this product.

Protein Family	Probable methylxanthine N7-demethylase

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