

Mercaptopurine (6-MP)

Catalog No: #S0010

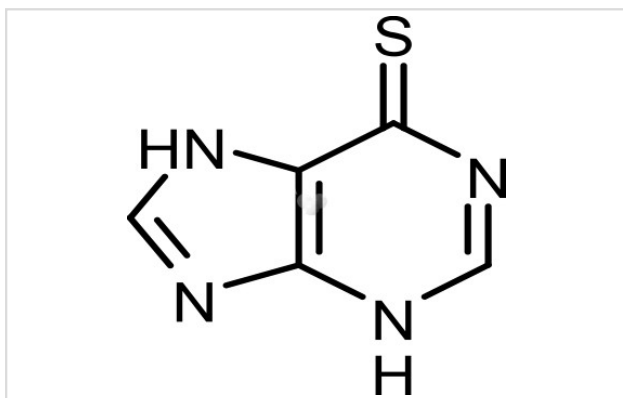
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Description

Product Name	Mercaptopurine (6-MP)
Brief Description	Inhibitors
Purification	99.61%
Target Name	Dehydrogenase inhibitor; Others
Calculated MW	152.18
Formulation	C ₅ H ₄ N ₄ S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer
SMILES: S=C1N=CN2C(=N1)N=CN=C2
Pathways: Metabolism; Others
Receptor: IMPDH; HPRT
Boiling pt: Melting pt: Solubility: DMSO: 30 mg/mL (197.13 mM)
Appearance: Faint Yellow Crystalline Powder
Remark: 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 month.

References

1. Dubinsky MC, et al. Clin Gastroenterol Hepatol. 2004 Sep;2(9):731-43.

Note: This product is for in vitro research use only