

## 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	C5H4N4S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

Research Area: Cancer  
SMILES: S=C1N=CNC2=C1NC=N2  
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 and is not intended for use in humans or animals.