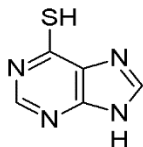


**PRODUCT: 6-Mercaptopurine
(monohydrate)****ALTERNATE NAMES:** (Purine-6(1*H*)-thione)**CATALOG NUMBER:** B2039-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C₅H₄N₄S.H₂O**MOLECULAR WEIGHT:** 170.2**CAS NUMBER:** 50-44-2**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture

DESCRIPTION: 6-Mercaptopurine is an inhibitor of de novo purine synthesis through interference with DNA and RNA synthesis. An immunosuppressive and antileukemic agent. licensed immunosuppressant thiopurine analog which has been found to inhibit MERS-CoV PL Protease.

REFERENCES: Sahasranaman, S., *et al.* (2008). *Eur. J. Clin. Pharmacol.* **64**, 753-767.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:Ascomycin (**Cat. No. 1570-2**)Cyclosporin A (**Cat. No. 1522-100, 1G**)(R,S)-Lenalidomide (**Cat. No. 1862-25, 100**)FK506 (**Cat. No. 1563-1,10**)Fingolimod (**Cat. No. 1618-5, 25**)Leflunomide (**Cat. No.1972-10, 50**)6-Mercaptopurine (**Cat. No. B2039-50, 250**)Mycophenolic acid (**Cat. No. 1882-50, 250**)Rapamycin (**Cat. No. 1568-5, 50**)Rocaglamide (**Cat. No. 1863-100**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**