

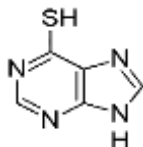
PRODUCT: 6-Mercaptopurine (monohydrate)

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.

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***