



Product Information

CAS Registry No. 60-56-0

Product Name: Methimazole

Catalog No. M1976

Chemical Name: 1,3-Dihydro-1-methyl-2H-imidazole-2-thione

Synonym(s): Basolan; Favistan; Frentirox; Mercazole; Tapazole; Thycapsol; Strumazol

Mol. formula: C₄H₆N₂S

Formula wt: 114.17

M.p. 146°C-148°C

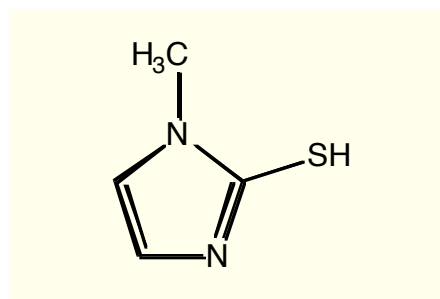
B.p. 280°C

Purity: ≥98%

Solubility: Soluble in water, alcohol or chloroform. Slightly soluble in ether or benzene.

Stability (in original shipping container):

Storage temp: Ambient



Product Description:

Methimazole is an antithyroid compound used to treat Graves' hyperthyroidism. It was found to have antioxidant property. It inhibits activation of the IFN-g-induced Janus kinase (JAK)/STAT signaling pathway in FRTL-5 thyroid cells, which may account for its immunomodulatory effects.

References:

Kim, H., Lee, TH., Hwang, YS., *et al Mol. Pharm.* **60**:972-980 (2001).

PRICING

10 g	\$24.50
25 g	\$38.00

Bulk quantity available upon request

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Caution: This product is intended for laboratory and research use only. It is not for human or drug use.