**TECHNICAL INFORMATION**

Catalog Number: 155390

**Methimazole**

**Structure:**

![Structure diagram](image)

**Molecular Formula:** C₄H₆N₂S

**Molecular Weight:** 114.17

**CAS #:** 60-56-0

**Synonyms:** 2-Mercapto-1-methylimidazole; 1-Methylimidazole-2-thiol; 1,3-Dihydro-1-methyl-2H-imidazole-2-thione; 1-Methyl-2-mercaptoimidazole; Mercazolyl; Thiamazole; Basolan; Danantizol; Favistan; Frentirox; Mercazole; Metazolo; Tapazole; Thacapzol; Thycapsol; Strumazol

**Physical Description:** White to tan crystalline powder

**Purity:** 98%

**Solubility:** Soluble in water (50 mg/ml - clear and colorless solution), alcohol (100 mg/ml methanol - clear and colorless) or chloroform; sparingly soluble in ether, petroleum ether, benzene

**Description:** An antihyperthyroid agent.¹

**References:**

– Merck Index, 12th Ed., No. 6049.
– Hashizume, K., et al., "Administration of thyroxine in treated Graves’ disease. Effects on the level of antibodies to


