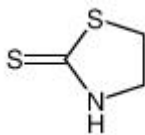


FC-037 (CAS 96-53-7) 2-Mercaptothiazoline**BASIC
INFORMATION**

cas: 96-53-7

Name: 2-Mercaptothiazoline

2-thiazoline-2-thiol;wr305;2-mercapto-4,5-dihydro-thiazole;
2-thiazolinethiol;sancelent2mt;2-mercapto-4,5-dihydro-1,3-
thiazole;Thyroidan;2-mercapto-thiazoline;Tetrahydrothiaz;2-Thiothiazoline;H4M
T;4,5-dihydro-1,3-thiazole-2-thiole;2-Thiothiazolidone;2-Thi
azolidinethione;Metabasal;Molecular formula: C₃H₅NS₂

Molecular weight: 119.20900

Accurate quality: 118.98600

PSA: 69.42000

LOGP: 0.93650

PHYSICAL INDEX

Appearance and properties: fine crystalline powder

Density: 1.38 g/cm³

Boiling point: 188.9° C at 760 mmHg

Melting point: 100-105 ° C(lit.)

Flash point: 68.1° C

Water solubility: SOLUBLE IN HOT WATER

Stability: Stable under normal temperatures and pressures.

Storage conditions: Keep container closed when not in use.

Store in a tightly closed container. Store in a cool, dry,
well-ventilated area away from incompatible substances.

Hormones and antibiotics room.

**SECURITY
INFORMATION**

Safety instructions: S24/25

WGK Germany: 3

Hazard category code: R22

Customs code: 2942000000

Dangerous goods transport code: UN 2811 6.1/PG 3

Hazard category: 6.1(b)

Packing level: III

Dangerous goods mark: Xn

**PRODUCTION
METHODS AND
APPLICATION**

production method

Prepared by amino ethyl sulfate and carbon disulfide under base catalysis.

use

Acidic bright copper plating additive, which can obtain good brightness and leveling properties, and fast luminous speed; pharmaceutical intermediate, this product is hydrolyzed to obtain cysteamine, which is the H2 receptor antagonist cimetidine and ranitidine Intermediate.
