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Version 06

Specification

23.12.2004

Code No. 01740

En 1157

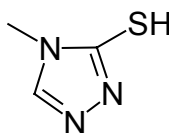
CAS No. 24854-43-1

EEC No. 246-496-4

HS No. 29339990

Chemical Name **3-Mercapto-4-methyl-4H-1,2,4-triazole**

Structure



Molecular Formula $C_3H_5N_3S$

Molecular Weight 115,16

Product Properties

Appearance	White to slight yellowish crystalline powder
Assay ($\Delta\%$)	$\geq 99,0$ (HPLC)
Assay (%)	$\geq 98,0$ (Titration)
IR-Spectrum	confirms
Melting point ($^{\circ}C$)	167 - 173 (within 3°)
Loss on drying (%)	$\leq 1,0$
Sulfated ash (%)	$\leq 0,2$
Solubility (1% MeOH)	clear, no residue

Safety Data

R: 36/37/38

S: 26-37/39

Xi - Irritant

Storage

T < 35 $^{\circ}C$, dry, tightly closed; durability 60 months

Application

Pharmaceutical intermediate

Changes in comparison to previous issue: Properties.