

ORGANICA®

Feinchemie GmbH Wolfen
PF 1337 D-06756 Bitterfeld-Wolfen
Phone: +49-3494-636215
Fax: +49-3494-636165
Email: info@organica.de
internet://www.organica.de

Version 09

Specification

11.10.2011

Code No. 01740

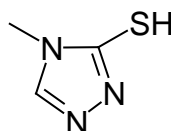
En 1157

CAS No. 24854-43-1

EEC No. 246-496-4

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 ($^{\circ}C$)	166 - 173
Loss on drying (%)	$\leq 1,0$
Sulfated ash (%)	$\leq 0,2$
Solubility (1% MeOH)	clear, no residue

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

Application Pharmaceutical intermediate

Changes in comparison to previous issue: Product properties.