

ORGANICA®

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

Version 06

Specification

20.11.2009

Code No. 05630

3,4-Dichloro-PMT

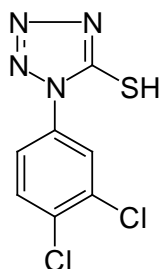
CAS No. 63684-99-1

EEC No. 264-414-5

Chemical Name

1-(3,4-Dichlorophenyl)-5-mercaptotetrazole
1-(3,4-Dichlorophenyl)-1H-tetrazole-5-thiol

Structure



Molecular Formula

C₇H₄Cl₂N₄S

Molecular Weight

247,11

Product Properties

Appearance	White to slight-yellowish fibrous crystalline powder
Assay (%)	≥ 98,0 (TBAH)
Assay (%)	≥ 98,5 (HPLC)
Melting point (°C)	148 - 152 (DSC)
Loss on drying (%)	≤ 1,0
3,4-Dichloroaniline (%)	≤ 0,5 (HPLC)
Sulfated ash (%)	≤ 0,5
Solubility (1% in EtOH)	clear, slight-yellowish, no residue

Storage

Cool, dry, tightly closed

Application

Stabilizer and antifogging agent in photography

Changes in comparison to previous issue do not relate to contents.