

# 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 04

04.11.2009

## Specification

Code No. 00410

**3-Amino-PMT**

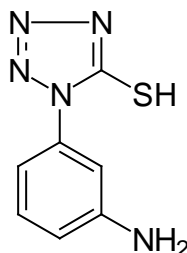
CAS No. 23249-96-9

EEC No. -

Chemical Name

**1-(3-Aminophenyl)-5-mercaptotetrazole**  
3-(5-Mercaptotetrazolo)aniline

Structure



Molecular Formula

C<sub>7</sub>H<sub>7</sub>N<sub>5</sub>S

Molecular Weight

193,24

Product Properties

Appearance	White to beige crystalline powder
Assay (%)	≥ 98,0 (TBAH)
Assay (Δ%)	≥ 98,0 (HPLC)
Melting point (°C)	189 - 193 (DSC)
Loss on drying (%)	≤ 1,0
Sulfated ash (%)	≤ 0,1
3-Acetamino-PMT (Δ%)	≤ 0,5 (HPLC)
Solubility (1% EtOH)	clear, no residue

Storage

Cool, dry, tightly closed

Application

Stabilizer and antifogging agent in photography