

ORGANICA®

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Version 04

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Specification

Code No. 00410

3-Amino-PMT

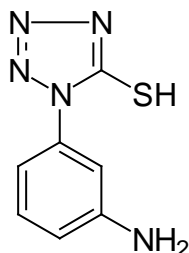
CAS No. 23249-96-9

EEC No. -

Chemical Name

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

Structure



Molecular Formula

C₇H₇N₅S

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