

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 10

Specification

01.12.2009

Code No. 12580

PMT

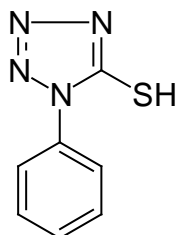
CAS No. 86-93-1

EEC No. 201-710-5

Chemical Name

1-Phenyl-5-mercaptotetrazole
1-Phenyl-1H-tetrazole-5-thiol

Structure



Molecular Formula

C₇H₆N₄S

Molecular Weight

178,22

Product Properties

Appearance	White crystalline powder
Assay (%)	98,5 – 101,5 (TBAH)
Melting point (°C)	147,5 - 151,5
Loss on drying (%)	≤ 0,5
Sulfated ash (%)	≤ 0,5
Solubility (1% in EtOH)	clear, no residue
Turbidity (NTU)	≤ 3
Sulfur (ppm)	≤ 900 (HPLC)

Storage

T < 30°C, rel. humidity max. 70%; durability 24 months

Application

Stabilizer and antifogging agent in photography