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Version 08

Specification

01.12.2009

Code No. 12430

PMT Disulfide

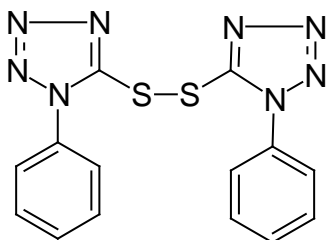
CAS No. 5117-07-7

EEC No. 225-852-2

Chemical Name

5,5'-Dithio-bis(1-phenyltetrazole)
Bis(1-phenyl-1H-tetrazol-5-yl)disulfide

Structure



Molecular Formula

$C_{14}H_{10}N_8S_2$

Molecular Weight

354,42

Product Properties

Appearance	White to light-yellowish crystalline powder
Assay ($\Delta\%$)	$\geq 97,5$ (HPLC)
Melting point ($^{\circ}C$)	143 – 147 (DSC)
Loss on drying (%)	$\leq 1,0$
PMT ($\Delta\%$)	$\leq 2,0$ (HPLC)

Storage

Cool, dry, tightly closed

Application

Intermediate and antifogging agent in photography

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