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## Typical Product Specifications & Properties

# Dimercaptan Triethylene Glycol

CAS Number: : 14970-87-7

Specifications	Limits
Molecular weight	182.30
EINECS	239-044-2
SMILES	O(CCOCCS)CCS
InChI	HCZMHWVZAHCR-UHFFFAOYSA-N
InChIKey	1S/C6H14O2S2/c9-5-3-7-1-2-8-4-6-10/h9-10H,1-6H2
Refractive Index	1.509
Flash Point	132 &deg;C
Boiling Point	225 &deg;C
Density	1.12 g/mL at 25 &deg;C
Molecular weight	229.26
EINECS	200-480-3
SMILES	P(=S)(SCC(=O)NC)(OC)OC



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Specifications	Limits
InChI	1S/C5H12NO3PS2/c1-6-5(7)4-12-10(11,8-2)9-3/h4H2,1-3H3,(H,6,7)
InChIKey	MCWXGJITAZMZEV-UHFFFAOYSA-N
Vapor Pressure	8.25E-06 mm Hg
Henry's Law Constant	1.05E-10 atm-m <sup>3</sup> /mole
log P (octanol-water)	0.78
Melting Point	52 &deg; C
Water solubility	2.50E+04 mg/L
Atmospheric OH Rate Constant	7.90E-11 cm <sup>3</sup> /molecule-sec
Storage Temperature	0-6&deg;C
Water solubility	Slightly soluble. 2.5 g/100 mL
Flash Point	107 &deg;C
Boiling Point	107&deg;C (0.05 torr)



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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.




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Specifications	Limits
Density	1.281
Merck	13,3246
Melting Point	52-52.5&deg;C
Chemical Structure	 87423_87423_dimercaptan-triethylene-glycol.png chemical structure



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