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Typical Product Specifications & Properties

Dithiothreitol

CAS Number : 3483-12-3

Specifications	Limits
Molecular weight	154.25
EINECS	222-468-7
InChI	1S/C4H10O2S2/c5-3(1-7)4(6)2-8/h3-8H,1-2H2
InChIKey	VHJLVAABSRFDPM-UHFFFAOYSA-N
Solubility	H2O: 50 mg/mL, clear, colorless
Boiling Point	125 °C
Density	1.04 g/mL at 20 °C
BRN Number	1719757
Merck	14,3376
Sensitive	Air Sensitive
Storage Temperature	2-8°C
Melting Point	41-44 °C



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Specifications	Limits
Stability	Stability Stable, but heat sensitive. Incompatible with strong oxidizing agents. Keep frozen at -20 to -10 C.
Water solubility	freely soluble
Flash Point	>230 °F



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