

Typical Product Specifications & Properties

Dysprosium Monoxide

CAS Number: : 12175-28-9

Specifications	Limits
Molecular weight	178.50
Molecular weight	330.36
InChI	1S/C10H19O6PS2/c1-5-15-9(11)7-8(10(12)16-6-2)19-17(18,13-3)14-4/h8H,5-7H2,1-4H3
InChIKey	JXSJBGJIGXNWCI-UHFFFAOYSA-N
Atmospheric OH Rate Constant	7.74E-11 cm ³ /molecule-sec
Henry's Law Constant	4.89E-09 atm-m ³ /mole
Melting Point	2.8 ° C
Vapor Pressure	3.38E-06 mm Hg
log P (octanol-water)	2.36
Water solubility	143 mg/L
Water solubility	0.0145 g/100 mL
Stability	Stable. Incompatible with oxidizing agents, metals.



Specifications	Limits
Flash Point	-18 °C
Density	1.2076
Boiling Point	156°C
Storage Temperature	APPROX 4°C
Melting Point	2.85°C