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## Typical Product Specifications & Properties

# Tellurium Oxide Powder

CAS Number: : 7446-07-3

Specifications	Limits
Molecular weight	159.60
EINECS	231-193-1
SMILES	[Te](=O)=O
InChI	1S/O2Te/c1-3-2
InChIKey	LAJZODKXOMJMPK-UHFFFAOYSA-N
Density	5.67 g/mL at 25 &deg;C
Boiling Point	1245 &deg;C
Water solubility	insoluble
Melting Point	733 &deg;C
Color	White to slightly yellow
Storage Temperature	Storage temperature: no restrictions.
Stability	Stable. Incompatible with strong acids, strong oxidizing agents.



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Specifications	Limits
Merck	14,9123
Form	Powder
Molecular weight	300.74
EINECS	212-688-1
SMILES	<chem>c12C(=NC(C(=O)N(c1ccc(c2)Cl)C)O)c1ccccc1</chem>
InChI	1S/C16H13ClN2O2/c1-19-13-8-7-11(17)9-12(13)14(18-15(20)16(19)21)10-5-3-2-4-6-10/h2-9,15,20H,1H3
InChIKey	SEQDDYPDSLOBDC-UHFFFAOYSA-N
Melting Point	119-121 &deg; C
log P (octanol-water)	2.19
Atmospheric OH Rate Constant	1.44E-11 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	1.13E-08 atm-m <sup>3</sup> /mole
Water solubility	164 mg/L



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Specifications	Limits
Vapor Pressure	2.14E-11 mm Hg
Melting Point	119-121&deg;C
Storage Temperature	2-8&deg;C

  

Specifications	Limits
Flash Point	11 &deg;C



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