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Typical Product Specifications & Properties

Quinhydrone

CAS Number: : 106-34-3

Specifications	Limits
Molecular weight	218.21
EINECS	203-387-6
SMILES	<chem>c1(ccc(O)cc1)O.C1(C=CC(=O)C=C1)=O</chem>
InChI	1S/C6H6O2.C6H4O2/c2*7-5-1-2-6(8)4-3-5/h1-4,7-8H;1-4H
InChIKey	BDJXVNRFAQSMAA-UHFFFAOYSA-N
Henry's Law Constant	3.59E-19 atm-m ³ /mole
Vapor Pressure	9.84E-09 mm Hg
Melting Point	171 ° C
log P (octanol-water)	0.160
Water solubility	4060 mg/L
Atmospheric OH Rate Constant	7.35E-11 cm ³ /molecule-sec
Water solubility	4 g/L (20 °C)



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Specifications	Limits
Boiling Point	285 °C
Density	1.32
Stability	Stable. Incompatible with strong oxidizing agents.
Merck	14,8058
BRN Number	3919222
Melting Point	167-172 °C
Sensitive	Light Sensitive



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