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Typical Product Specifications & Properties

5-Nitrobarbituric Acid

CAS Number: : 480-68-2

Specifications	Limits
Molecular weight	173.08
EINECS	207-557-0
SMILES	<chem>C1(C(NC(=O)NC1=O)=O)[N+](=O)[O-]</chem>
InChI	ABICJYZKIYUWEE-UHFFFAOYSA-N
InChIKey	1S/C4H3N3O5/c8-2-1(7(11)12)3(9)6-4(10)5-2/h1H,(H2,5,6,8,9,10)
Water solubility	900 mg/L
log P (octanol-water)	-1.190
Atmospheric OH Rate Constant	2.13E-12 cm ³ /molecule-sec
Melting Point	180.5 °C
Merck	6585



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