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Typical Product Specifications & Properties

Alloxan monohydrate

CAS Number: : 2244-11-3

Specifications	Limits
Molecular weight	160.09
EINECS	251-501-8
SMILES	<chem>C1(C(NC(=O)NC1=O)=O)=O.O</chem>
InChI	1S/C4H2N2O4.H2O/c7-1-2(8)5-4(10)6-3(1)9;/h(H2,5,6,8,9,10);1H2
InChIKey	DSXMTJRUNLATRP-UHFFFAOYSA-N
BRN Number	5309394
Water solubility	Soluble in water, ethanol, acetone, glacial acetic acid and methanol. Slightly soluble in chloroform, petroleum ether, toluene, ethyl acetate and acetic anhydride. Insoluble in ether.
Melting Point	255 °C (dec.)
Sensitive	Air Sensitive
Solubility	H2O: may be hazy yellow
Merck	14,282
Storage Temperature	2-8°C



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Specifications	Limits
Color	Off-white to beige-yellow
Form	Crystalline Powder



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