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Typical Product Specifications & Properties

Oxolinic Acid

CAS Number: : 14698-29-4

Specifications	Limits
Molecular weight	261.23
EINECS	238-750-8
InChI	1S/C13H11NO5/c1-2-14-5-8(13(16)17)12(15)7-3-10-11(4-9(7)14)19-6-18-10/h3-5H,2,6H2,1H3,(H,16,17)
InChIKey	KYGZCKSPAKDVKC-UHFFFAOYSA-N
Stability	Stable. Combustible.
Storage Temperature	2-8°C
Merck	13,7014
Melting Point	314-316°C (dec.)
Sensitive	Light Sensitive
Solubility	Soluble in 0.5N NaOH with warming
Color	White
Flash Point	>110°(230°F)



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Specifications	Limits
Boiling Point	473?
Form	Crystalline Powder
Boiling Point	473?
log P (octanol-water)	0.94
Melting Point	315 dec ° C
Henry's Law Constant	4.12E-16 atm-m ³ /mole
Vapor Pressure	4.75E-08 mm Hg
Water solubility	3.2 mg/L
pKa Dissociation Constant	6.87
Atmospheric OH Rate Constant	1.26E-10 cm ³ /molecule-sec
Boiling Point	473?



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