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Typical Product Specifications & Properties

CYTOSINE

CAS Number: : 71-30-7

Specifications	Limits
Molecular weight	111.10
EINECS	200-749-5
SMILES	<chem>n1c(cc[nH]c1=O)N</chem>
InChI	1S/C4H5N3O/c5-3-1-2-6-4(8)7-3/h1-2H,(H3,5,6,7,8)
InChIKey	OPTASPLRGRRNAP-UHFFFAOYSA-N
Water solubility	8000 mg/L
Melting Point	322.5 dec ° C
Henry's Law Constant	4.81E-11 atm-m3/mole
log P (octanol-water)	-1.73E+00
Atmospheric OH Rate Constant	5.58E-11 cm3/molecule-sec
Vapor Pressure	1.09E-03 mm Hg
Storage Temperature	Store at room temperature.



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Specifications	Limits
Melting Point	>300 °C
Water solubility	soluble
Solubility	Clear to very slightly hazy colorless to faint yellow solution at 50 mg/ml in 0.5 M HCL.
BRN Number	2637
Stability	Stable. Incompatible with strong oxidizing agents.
Merck	14,2795
Density	0,48 g/cm ³



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