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Typical Product Specifications & Properties

2(5H)-Furanone

CAS Number: : 497-23-4

Specifications	Limits
Molecular weight	84.07
EINECS	207-839-3
SMILES	<chem>C=1COC(C1)=O</chem>
InChI	1S/C4H4O2/c5-4-2-1-3-6-4/h1-2H,3H2
InChIKey	VIHAEDVKXSOUAT-UHFFFAOYSA-N
Atmospheric OH Rate Constant	1.22E-11 cm ³ /molecule-sec
Water solubility	4.18E+05 mg/L
Henry's Law Constant	4.81E-05 atm-m ³ /mole
log P (octanol-water)	-0.6
Melting Point	4.5 ° C
Vapor Pressure	0.981 mm Hg
Refractive Index	1.469



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Specifications	Limits
Density	1.185 g/mL at 25 °C
Water solubility	Immiscible with water.
Melting Point	4-5 °C
Flash Point	214 °F
Boiling Point	86-87 °C/2 mm Hg
Storage Temperature	2-8°C
BRN Number	383585



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