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Typical Product Specifications & Properties

Succinimide

CAS Number: : 5146-68-9

Specifications	Limits
SMILES	C1CC(=O)N(C1=O)CO
InChI	AZVYYSCOCHRFKW-UHFFFAOYSA-N
InChIKey	1S/C5H7NO3/c7-3-6-4(8)1-2-5(6)9/h7H,1-3H2
Molecular weight	361.30
EINECS	200-747-4
SMILES	[N+](CCOC(=O)CCC(=O)OCC[N+](C)(C)C)(C)(C)C.[Cl-].[Cl-]
InChI	YOEWQQVKRJEPAE-UHFFFAOYSA-L
InChIKey	1S/C14H30N2O4.2ClH/c1-15(2,3)9-11-19-13(17)7-8-14(18)20-12-10-16(4,5)6;;/h7-12H2,1-6H3;2*1H/q+2;;/p-2
Atmospheric OH Rate Constant	3.33E-11 cm ³ /molecule-sec
log P (octanol-water)	-7.940
Melting Point	190 ° C
Water solubility	5.00E+05 mg/L



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Specifications	Limits
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.
Storage Temperature	Refrigerator
Melting Point	164 °C
Merck	8875



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