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Typical Product Specifications & Properties

2-Propenenitrile

CAS Number: : 107-13-1

Specifications	Limits
Molecular weight	53.06
EINECS	203-466-5
SMILES	C(C#N)=C
InChI	1S/C3H3N/c1-2-3-4/h2H,1H2
InChIKey	NLHHRLWOUZZQLW-UHFFFAOYSA-N
Vapor Pressure	109 mm Hg
Melting Point	-8.35E+01 ° C
Henry's Law Constant	1.38E-04 atm-m ³ /mole
Boiling Point	77.3 ° C
Water solubility	7.45E+04 mg/L
Atmospheric OH Rate Constant	4.10E-12 cm ³ /molecule-sec
log P (octanol-water)	0.25



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Specifications	Limits
Melting Point	-83.5 °C
Density	0.806 g/mL at 20 °C
Flash Point	32 °F
Refractive Index	1.391
Sensitive	Light Sensitive
BRN Number	605310
Merck	14,131
Vapor Pressure	86 mm Hg (20 °C)
Vapor Density	1.83
Water solubility	Soluble. 7.45 g/100 mL
Storage Temperature	2-8°C
Boiling Point	77.3 °C



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