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Typical Product Specifications & Properties

N-Dodecylguanidine Acetate

CAS Number: : 2439-10-3

Specifications	Limits
Molecular weight	287.44
EINECS	219-459-5
SMILES	<chem>N(C(=N)N)CCCCCCCCCCCC.C(=O)(C)O</chem>
InChI	YIKWKLYQRFRGPM-UHFFFAOYSA-N
InChIKey	1S/C13H29N3.C2H4O2/c1-2-3-4-5-6-7-8-9-10-11-12-16-13(14)15;1-2(3)4/h2-12H2,1H3,(H4,14,15,16);1H3,(H,3,4)
Vapor Pressure	1.50E-07 mm Hg
Water solubility	630 mg/L
Melting Point	136 ° C
pKa Dissociation Constant	9
log P (octanol-water)	1.15
Atmospheric OH Rate Constant	1.09E-10 cm ³ /molecule-sec
Henry's Law Constant	9.01E-11 atm-m ³ /mole



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Specifications	Limits
Storage Temperature	0-6°C
Flash Point	>100 °C
Merck	13,3442
Melting Point	136°C



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