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Typical Product Specifications & Properties

Myristaminopropionic acid

CAS Number: : 14960-08-8

Specifications	Limits
Molecular weight	285.47
EINECS	239-033-2
SMILES	O=C(O)CCNCCCCCCCCCCCCCCC
InChI	HKJKXDULJBGDED-UHFFFAOYSA-N
InChIKey	1S/C17H35NO2/c1-2-3-4-5-6-7-8-9-10-11-12-13-15-18-16-14-17(19)20/h18H,2-16H2,1H3,(H,19,20)
Molecular weight	394.22
EINECS	205-758-8
SMILES	C([N@@](CC(O)=O)CC(=O)[O-])CN(CC(=O)[O-])CC(=O)[O-].[Na+].[Na+].[Na+]
InChI	QZKRHPLGUJDVAR-UHFFFAOYSA-K
InChIKey	1S/C10H16N2O8.3Na/c13-7(14)3-11(4-8(15)16)1-2-12(5-9(17)18)6-10(19)20;;;/h1-6H2,(H,13,14)(H,15,16)(H,17,18)(H,19,20);;/q;3*+1/p-3
log P (octanol-water)	-13.15
Atmospheric OH Rate Constant	1.68E-10 cm ³ /molecule-sec



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Specifications	Limits
Merck	13,3545
Solubility	H2O: clear, colorless to light yellow
Stability	Stable. Incompatible with strong oxidizing agents, copper, aluminium.
Melting Point	237 °C



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