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Typical Product Specifications & Properties

N-Acetyl-L-Phenylalanine

CAS Number: : 2018-61-3

Specifications	Limits
Molecular weight	207.23
EINECS	217-959-8
SMILES	<chem>CC(=O)N[C@@H](Cc1ccccc1)C(=O)O</chem>
InChI	1S/C11H13NO3/c1-8(13)12-10(11(14)15)7-9-5-3-2-4-6-9/h2-6,10H,7H2,1H3,(H,12,13)(H,14,15)/t10-/m0/s1
InChIKey	CBQJSKKNMDLON-JTQLQIEISA-N
Henry's Law Constant	3.91E-13 atm-m ³ /mole
log P (octanol-water)	0.93
Vapor Pressure	2.43E-07 mm Hg
Atmospheric OH Rate Constant	1.95E-11 cm ³ /molecule-sec
Melting Point	171-173 ° C
Water solubility	6450 mg/L
Refractive Index	40 ° (C=5, MeOH)




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Specifications	Limits
Storage Temperature	-20°C
Solubility	Solubility in methanol (almost transparency). Soluble in acetone and ethanol (20 mg/ ml).
Alpha	40 ° (c=1, methanol)
Melting Point	171-173 °C
Chemical Structure	 34339 34339_n-acetyl-l-phenylalanine.png chemical structure



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