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Typical Product Specifications & Properties

(2S)-2-Amino-3-(3,4-Dihydroxyphenyl)Propanoic Acid

CAS Number: : 90638-38-3

Specifications	Limits
Molecular weight	197.19
SMILES	<chem>c1(c(ccc(c1)C[C@@H](C(O)=O)N)O)O</chem>
InChI	WTD RDQBEARUVNC-LURJTMIESA-N
InChIKey	1S/C9H11NO4/c10-6(9(13)14)3-5-1-2-7(11)8(12)4-5/h1-2,4,6,11-12H,3,10H2,(H,13,14)/t6-m/s1
Melting Point	285 dec ° C
Water solubility	5000 mg/L
pKa Dissociation Constant	2.32
Atmospheric OH Rate Constant	9.66E-11 cm ³ /molecule-sec
Henry's Law Constant	1.30E-18 atm-m ³ /mole
Vapor Pressure	1.24E-10 mm Hg
log P (octanol-water)	-2.39E+00



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