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Typical Product Specifications & Properties

Sodium taurocholate

CAS Number: : 145-42-6

Specifications	Limits
Molecular weight	537.68
EINECS	205-653-7
Melting Point	230 °C
Alpha	23 ° (c=3 H2O)
Water solubility	> 250 g/L (20 °C)
Refractive Index	23 ° (C=3, H2O)
Storage Temperature	0-6°C
Solubility	H2O: 0.5 M at 20 °C, clear, colorless to faintly yellow
Merck	14,9075
Molecular weight	186.16
EINECS	205-660-5
SMILES	<chem>OC(=O)[C@H]1[C@@H]2CC[C@@H](O2)[C@H]1C(=O)O</chem>



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Specifications	Limits
InChI	1S/C8H10O5/c9-7(10)5-3-1-2-4(13-3)6(5)8(11)12/h3-6H,1-2H2,(H,9,10)(H,11,12)
InChIKey	GXEKYRXVRROBEV-UHFFFAOYSA-N
Density	1.431 g/cm3
Melting Point	179-180?
Melting Point	179-180?
Water solubility	Soluble in water (>25 mg/ml), methanol, acetone, and DMSO. Insoluble in benzene.
Melting Point	179-180?
Water solubility	1.00E+05 mg/L
Melting Point	144 ° C
Atmospheric OH Rate Constant	2.03E-11 cm3/molecule-sec
Henry's Law Constant	3.85E-16 atm-m3/mole
Vapor Pressure	1.57E-10 mm Hg



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Specifications	Limits
log P (octanol-water)	1.91



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