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## Typical Product Specifications & Properties

# D-(+)-Melibiose

CAS Number : 585-99-9

Specifications	Limits
Molecular weight	342.30
EINECS	209-568-6
SMILES	<chem>OC[C@H]1O[C@H](OC[C@@H](O)[C@@H](O)[C@H](O)[C@@H](O)C=O)[C@H](O)[C@@H](O)[C@H]1O</chem>
InChI	AYRXSINWFIIFAE-GFRRCQKTSA-N
InChIKey	1S/C12H22O11/c13-1-4(15)7(17)8(18)5(16)3-22-12-11(21)10(20)9(19)6(2-14)23-12/h1,4-12,14-21H,2-3H2/t4-,5+,6+,7+,8+,9-,10-,11+,12-/m0/s1
Melting Point	84 &deg; C
log P (octanol-water)	-5.300
Atmospheric OH Rate Constant	1.50E-10 cm <sup>3</sup> /molecule-sec
Water solubility	1.00E+06 mg/L
Water solubility	Soluble in water at 100mg/ml
Merck	5820
Melting Point	182 &deg;C (dec.)



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Specifications	Limits
Storage Temperature	Store at room temperature.



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