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## Typical Product Specifications & Properties

# Gentiobiose

CAS Number: : 554-91-6

Specifications	Limits
Molecular weight	342.30
EINECS	209-074-0
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-UDKQPYHCSA-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
log P (octanol-water)	-5.380
Melting Point	86 &deg; C
Atmospheric OH Rate Constant	1.69E-10 cm <sup>3</sup> /molecule-sec
Refractive Index	9.5 &deg; (C=4, H <sub>2</sub> O)
Storage Temperature	0-6&deg;C
Merck	4396
Melting Point	195-197 &deg;C (dec.)



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