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## Typical Product Specifications & Properties

# Diosmin

CAS Number: : 520-27-4

Specifications	Limits
Molecular weight	608.55
SMILES	<chem>COc1ccc(cc1O)C2=CC(=O)c3c(O)cc(O[C@@H]4O[C@H](CO[C@@H]5O[C@@H](C)[C@H](O)[C@@H](O)[C@H]5O)[C@@H](O)[C@H](O)[C@H]4O)cc3O2</chem>
InChI	GZSOSUNBTXMUFQ-YFAPSIMESA-N
InChIKey	1S/C28H32O15/c1-10-21(32)23(34)25(36)27(40-10)39-9-19-22(33)24(35)26(37)28(43-19)41-12-6-14(30)20-15(31)8-17(42-18(20)7-12)11-3-4-16(38-2)13(29)5-11/h3-8,10,19,21-30,32-37H,9H2,1-2H3/t10-,19+,21-,22+,23+,24-,25+,26+,27+,28+/m0/s1
Atmospheric OH Rate Constant	3.71E-10 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	7.82E-33 atm-m <sup>3</sup> /mole
log P (octanol-water)	0.14
Water solubility	408 mg/L
Vapor Pressure	1.35E-27 mm Hg
Melting Point	274 dec &deg; C



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