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Typical Product Specifications & Properties

Rutin

CAS Number: : 153-18-4

Specifications	Limits
Molecular weight	610.52
InChI	1S/C27H30O16/c1-8-17(32)20(35)22(37)26(40-8)39-7-15-18(33)21(36)23(38)27(42-15)43-25-19(34)16-13(31)5-10(28)6-14(16)41-24(25)9-2-3-11(29)12(30)4-9/h2-6,8,15,17-18,20-23,26-33,35-38H,7H2,1H3
InChIKey	IKGXIBQEEMLURG-UHFFFAOYSA-N
Solubility	pyridine: 50 mg/mL
Colour Index	75730
Merck	8304
Color	yellow to green
Melting Point	195 °C (dec.)
Water solubility	12.5 g/100 mL
Storage Temperature	Hygroscopic, -20°C Freezer, Under Inert Atmosphere
Form	powder
Water solubility	125 mg/L




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Specifications	Limits
Atmospheric OH Rate Constant	4.28E-10 cm ³ /molecule-sec
log P (octanol-water)	-2.020
Melting Point	125 ° C
Chemical Structure	 96301_96301_rutin.png chemical structure



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