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Typical Product Specifications & Properties

Stevioside

CAS Number: : 57817-89-7

Specifications	Limits
Molecular weight	804.87
EINECS	260-975-5
SMILES	<chem>C[C@@]12CCC[C@@]([C@H]1CC[C@]34[C@H]2CC[C@](C3)(C(=C)C4)O[C@H]5[C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)CO)O)O)(C)C(=O)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)CO)O)O)O</chem>
InChI	UEDUENGHJMELGK-HYDKPPNVA-N
InChIKey	1S/C38H60O18/c1-16-11-37-9-5-20-35(2,7-4-8-36(20,3)34(50)55-32-29(49)26(46)23(43)18(13-40)52-32)21(37)6-10-38(16,15-37)56-33-30(27(47)24(44)19(14-41)53-33)54-31-28(48)25(45)22(42)17(12-39)51-31/h17-33,39-49H,1,4-15H2,2-3H3/t17-,18-,19-,20+,21+,22-,23-
Melting Point	198 ° C
log P (octanol-water)	-1.620
Water solubility	1250 mg/L
Atmospheric OH Rate Constant	2.83E-10 cm ³ /molecule-sec
Refractive Index	-39.3 ° (C=6, H ₂ O)
Melting Point	198°C
Storage Temperature	0-6°C

ISO 9001



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Specifications	Limits
Merck	8810



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