Typical Product Specifications & Properties

Valinomycin

CAS Number: : 2001-95-8

Specifications	Limits
Molecular weight	1,111.32
EINECS	217-896-6
SMILES	CC(C)[C@@H]1NC(=O)[C@H](C)OC(=O)[C@H](NC(=O)[C@H](OC(=O)[C@@H](NC(=O)[C@H](C)OC(=O)[C@H](NC(=O)[C@(OC(=O)[C@@H](NC(=O)[C@H](C)OC(=O)[C@H](NC(=O)[C@(OC1=O)C(C)C)C(C)C)C(C)C)C(C)C)C(C)C)C(C)C)C(C)C)C(C)C)C(C)C)C(
InChI	FCFNRCROJUBPLU-DNDCDFAISA-N
InChIKey	1S/C54H90N6O18/c1-22(2)34-49(67)73-31(19)43(61)55-38(26(9)10)53(71)77-41(29(15)16)47(65)59-36(24(5)6)51(69)75-33(21)45(63)57-39(27(11)12)54(72)78-42(30(17)18)48(66)60-35(23(3)4)50(68)74-32(20)44(62)56-37(25(7)8)52(70)76-40(28(13)14)46(64)58-34/h22-42H
Atmospheric OH Rate Constant	1.08E-10 cm3/molecule-sec
Melting Point	190 ° C
log P (octanol-water)	4.490

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