

FK506 monohydrate

产品编号: D51182

CAS: 109581-93-3

分子式: C₄₄H₇₁NO₁₃

纯度: ≥98%

InChi: InChI=1S/C₄₄H₆₉NO₁₂.H₂O/c1-10-13-31-19-25(2)18-26(3)20-37(54-8)40-38(55-9)22-28(5)44(52,57-40)41(49)42(50)45-17-12-11-14-32(45)43(51)56-39(29(6)34(47)24-35(31)48)27(4)21-30-15-16-33(46)36(23-30)53-7;/h10,19,21,26,28-34,36-40,46-47,52H,1,11-18,20,22-24H₂,2-9H₃;1H2/b25-19-,27-21+;/t26-,28+,29+,30-,31+,32-,33+,34-,36+,37-,38-,39+,40+,44+;/m0./s1

InChi Key: NWJQLQGQZSIBAF-MSLXHMNKSA-N

Smiles: O.CC1C[C@H](C)C[C@H](OC)[C@H]2O[C@](O)([C@H](C)C[C@@H]2OC)C(=O)C(=O)N2CCCC[C@@H]2C(=O)O[C@@H]([C@H](C)[C@@H](O)CC(=O)[C@H](CC=C)C=1)/C(/C)=C/[C@H]1C[C@@H](OC)[C@H](O)CC1 |c:46|

外观: 固体粉末

作用通路: Antibiotic

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: FK506 monohydrate is a macrolide isolated from the culture broth of a strain of *Streptomyces tsukubaensis* that has strong immunosuppressive activity in vivo and prevents the activation of T-lymphocytes in response to antigenic or mitogenic stimulation in vitro.