
Phorbol 12

产品编号: D51374

CAS: 37558-16-0

分子式: C₂₈H₄₀O₈

纯度: ≥98%

InChi: InChI=1S/C₂₈H₄₀O₈/c1-7-9-20(30)35-24-16(4)27(34)18(22-25(5,6)28(22,24)36-21(31)10-8-2)1
2-17(14-29)13-26(33)19(27)11-15(3)23(26)32/h11-12,16,18-19,22,24,29,33-34H,7-10,13-14H2,
1-6H3/t16-,18+,19-,22-,24-,26-,27-,28-/m1/s1

InChi Key: BQJRUJTZSGYBEZ-YVQNUNKESA-N

Smiles: CC1(C)[C@H]2[C@@H]3C=C(C[C@@]4(O)[C@@H](C=C(C)C4=O)[C@@]3(O)[C@H](C)[C@@H]
(OC(=O)CCC)[C@@]12OC(=O)CCC)CO

外观: 固体粉末

作用通路: PKC

溶解性: Soluble in DMSO

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

产品介绍: Phorbol 12,13-dibutyrate, also known as PDBu, is a phorbol ester which is one of the constituents of croton oil. As an activator of protein kinase C, it is a weak tumor promoter compared to 12-O-tetradecanoylphorbol-13-acetate.