

Bardoxolone

产品编号: D51265

CAS: 218600-44-3

分子式: C₃₁H₄₁NO₄

纯度: ≥98%

InChi: InChI=1S/C₃₁H₄₁NO₄/c1-26(2)10-12-31(25(35)36)13-11-30(7)23(19(31)16-26)20(33)14-22-28(5)15-18(17-32)24(34)27(3,4)21(28)8-9-29(22,30)6/h14-15,19,21,23H,8-13,16H2,1-7H3,(H,35,36)/t19-,21-,23-,28-,29+,30+,31-/m0/s1

InChi Key: TXGZJQLMVSIZEI-UQMAOPSPSA-N

Smiles: CC1(C)C[C@H]2[C@H]3C(=O)C=C4[C@@]5(C)C=C(C#N)C(=O)C(C)(C)[C@@H]5CC[C@@]4(C)[C@]3(C)CC[C@]2(CC1)C(O)=O

外观: 固体粉末

作用通路: Keap1-Nrf2

溶解性: Soluble in DMSO

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

产品介绍: Bardoxolone, also known as RTA-401 and CDDO, is a synthetic oleanane triterpenoid.

Bardoxolone blocks the cellular synthesis of inducible nitric oxide synthase and inducible COX-2 in INF-γ-activated mouse macrophages with an IC₅₀ value of 0.4 nM.