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Chebulinic Acid

产品编号: D51447

CAS: 18942-26-2

分子式: C41H32O27

纯度: ≥98%

InChi: InChI=1S/C41H32O27/c42-15-1-10(2-16(43)26(15)51)35(56)62-9-22-31-33(66-36(57)11-3-17(44)27(52)18(45)4-11)34(41(63-22)68-37(58)12-5-19(46)28(53)20(47)6-12)67-38(59)13-7-21(48)29(54)32-25(13)24(30(55)40(61)65-32)14(8-23(49)50)39(60)64-31/h1-7,14,22,24,30-31,33-34,41-48,51-55H,8-9H2,(H,49,50)/t14-,22+,24-,30+,31+,33?,34+,41-/m0/s1

InChi Key: YGVHOSGNOYKRIH-REKMSKHASA-N

Smiles: O[C@@H]1[C@H]2[C@H](CC(O)=O)C(=O)O[C@@H]3[C@@H](COC(=O)C4=CC(O)=C(O)C(O)=C4)O[C@@H](OC(=O)C4=CC(O)=C(O)C(O)=C4)[C@H](OC(=O)C4=CC(O)=C(O)C(OC1=O)=C42)C3OC(=O)C1=CC(O)=C(O)C(O)=C1

外观: 固体粉末

作用通路: DNA/RNA Synthesis

溶解性: Soluble in DMSO

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

产品介绍: Chebulinic Acid is a potent protectant against glutamate-induced neuronal cell death. It has been shown to significantly reduce intracellular reactive oxygen species (ROS) production and Ca2+ influx induced by glutamate, decrease the phosphorylation of mitogen-activated protein kinases (MAPKs), including ERK1/2, JNK, and p38, as well as inhibit pro-apoptotic Bax and increase anti-apoptotic Bcl-2 protein expression.