
Forskolin

产品编号: D50721

CAS: 66575-29-9

分子式: C₂₂H₃₄O₇

纯度: ≥98%

InChi: InChI=1S/C₂₂H₃₄O₇/c1-8-19(5)11-14(25)22(27)20(6)13(24)9-10-18(3,4)16(20)15(26)17(28-12(2)23)21(22,7)29-19/h8,13,15-17,24,26-27H,1,9-11H₂,2-7H₃/t13-,15-,16-,17-,19-,20-,21+,22-/m0/s1

InChi Key: OHCQJHSOBUTRHG-KGGHGGJDLA-N

Smiles: CC1(C)CC[C@H](O)[C@@]2(C)[C@H]1[C@H](O)[C@H](OC(C)=O)[C@@]1(C)O[C@](C)(CC(=O)[C@@]12O)C=C

外观: 固体粉末

作用通路: Adenylate Cyclase

溶解性: DMSO up to 100 mM

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

产品介绍: Forskolin is a small molecule activator of adenylate cyclase (EC₅₀~5-10 μM) in a rapid and reversible manner, to increase the intracellular levels of cAMP. Forskolin is used in many stem cell differentiation conditions, such as potentiating neuronal differentiation.