
Treprostinil diethanolamine

产品编号: D59464

CAS: 830354-48-8

分子式: C₂₇H₄₅NO₇

纯度: 98.21%

InChi Key: InChiKey=RHWRWEUCEXUUAV-ZSESPEEFS-A-N

Smiles: N(CCO)CCO.C(C[C@H](CCCCO)[C@@H]1[C@@]2([C@@](CC=3C(C2)=CC=CC3OCC(O)=O)(C[C@H]1O)[H])[H]

外观: 固体粉末

作用通路: GPCR/G Protein;Immunology/Inflammation

作用靶点: Prostaglandin Receptor

溶解性: DMSO: 5.5 mg/mL (11.1 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Treprostinil diethanolamine is a potent agonist of EP2, DP1 and IP. Treprostinil exhibits Ki values of 3.6, 4.4, 32.1, 212, 826, 2505 and 4680 nM for EP2, DP1, IP, EP1, EP4, EP3 and FP, respectively. Treprostinil diethanolamine can increase upregulation of cAMP toward maintaining homeostasis within the vasculature. Treprostinil diethanolamine can lead to vasodilatation of human pulmonary arteries.