
Tegaserod maleate

产品编号: D60730

CAS: 189188-57-6

分子式: C₂₀H₂₇N₅O₅

纯度: 98%

InChi Key: InChiKey=CPDDZSSEAVLMRY-FEQFWAPWSA-N

Smiles: OC(=O)/C=C/C(O)=O.CCCCCNC(=N)N\N=C\c1c[nH]c2ccc(OC)cc12

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: 5-HT Receptor

溶解性: DMSO: ≥ 35 mg/mL (83.84 mM) H₂O: 1 mg/mL (2.40 mM; Need ultrasonic)

保存条件: -20°C

产品介绍: Tegaserod maleate (SDZ-HTF-919) is an orally active serotonin receptor 4 (HTR₄; 5-HT₄R) agonist and a 5-HT_{2B} receptor antagonist. Tegaserod maleate has pK_is of 7.5, 8.4 and 7.0 for human recombinant 5-HT_{2A}, 5-HT_{2B} and 5-HT_{2C} receptors, respectively. Tegaserod maleate causes tumor cell apoptosis, blunts PI3K/Akt/mTOR signaling and decreases S6 phosphorylation. Tegaserod maleate has anti-tumor activity and has the potential for irritable bowel syndrome (IBS) research