
Talabostat mesylate

产品编号: D60045

CAS: 150080-09-4

分子式: C₁₀H₂₃BN₂O₆S

纯度: 98%

InChi Key: InChiKey=OXYOEIGQRXGPI-WSZWBAFRSA-N

Smiles: OB([C@H]1N(C(=O)[C@@H](N)C(C)C)CCC1)O.CS(=O)(=O)O

外观: 固体粉末

作用通路: Proteases/Proteasome

作用靶点: DPP-IV; DPP8/9; QPP; FAP; DPP-IV; Proteasome; DPP-4

溶解性: H₂O: 250 mg/mL (805.98 mM; Need ultrasonic) DMSO: ≥ 40 mg/mL (128.96 mM)

保存条件: 2-8°C

产品介绍: Talabostat mesylate (Val-boroPro mesylate; PT100 mesylate) is an orally active and nonselective dipeptidyl peptidase IV (DPP-IV) inhibitor (IC₅₀ < 4 nM; K_i = 0.18 nM) and the first clinical inhibitor of fibroblast activation protein (FAP) (IC₅₀ = 560 nM), inhibits DPP8/9 (IC₅₀ = 4/11 nM; K_i = 1.5/0.76 nM), quiescent cell proline dipeptidase (QPP) (IC₅₀ = 310 nM), DPP2, and some other DASH family enzymes. Antineoplastic and hematopoiesis- stimulating activities