

Product Name : Talabostat mesylate

Synonyms : Val-boroPro (mesylate); PT100 (mesylate)

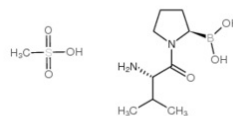
Cat No. : M17326

CAS Number : 150080-09-4

Molecular Formula : C₁₀H₂₃BN₂O₆S

Formula Weight : 310.18

Chemical Name : —



Description : Talabostat mesylate is an orally active, selective inhibitor of dipeptidyl peptidases IV (DPP4, IC₅₀: 0.18 nM), including tumor-associated fibroblast activation protein. This agent may also stimulate the production of colony stimulating factors, such as granulocyte colony-stimulating factor (G-CSF), resulting in the stimulation of hematopoiesis.

Pathway : Metabolic Enzyme/Protease

Target : Phosphatase

Receptor : DPP-4

Solubility : DMSO : ≥ 40 mg/mL. 128.96 mM

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

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Cristillo AD, et al. HIV-1 Env vaccine comprised of electroporated DNA and protein co-administered with Talabostat. Biochem Biophys Res Commun. 2008 May 23;370(1):22-6.