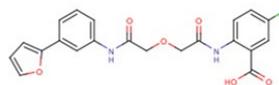


Product Name : TM5441
Synonyms : TM-5441;BMS790052; EBP883
Cat No. : M17864
CAS Number : 1190221-43-2
Molecular Formula : C₂₁H₁₇ClN₂O₆
Formula Weight : 428.83
Chemical Name : 5-chloro-2-(2-(2-((3-(furan-3-yl)phenyl)amino)-2-oxoethoxy)acetamido)benzoic acid



Description : TM-5441, also known as EBP 883 and BMS-790052, is a potent plasminogen activator inhibitor-1 (PAI-1). TM-5441 inhibits several tumor cell lines with IC₅₀ values between 9.7 and 60.3 μM. TM5441 protects against high-fat diet-induced obesity and adipocyte injury in mice.

Pathway : Others

Target : Other Targets

Receptor : PAI-1

Solubility : DMSO : ≥ 300 mg/mL; 699.59 mM

SMILES : O=C(O)c3cc(Cl)ccc3NC(=O)COCC(=O)Nc1cccc(c1)c2ccco2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Placencio VR, et al. Small Molecule Inhibitors of Plasminogen Activator Inhibitor-1 Elicit Anti-Tumorigenic and Anti-Angiogenic Activity. PLoS One. 2015 Jul 24;10(7):e0133786.