
PAI-039

产品编号: D51063

CAS: 393105-53-8

分子式: C₂₄H₁₆F₃NO₄

纯度: ≥98%

InChi: InChi=1S/C₂₄H₁₆F₃NO₄/c25-24(26,27)32-18-9-6-16(7-10-18)17-8-11-21-19(12-17)20(22(29)23(30)31)14-28(21)13-15-4-2-1-3-5-15/h1-12,14H,13H₂, (H,30,31)

InChi Key: ODXQFEWQSHNQNI-UHFFFAOYSA-N

Smiles: OC(=O)C(=O)C1=CN(CC2C=CC=CC=2)C2=CC=C(C=C21)C1C=CC(=CC=1)OC(F)(F)F

外观: 固体粉末

作用通路: Apoptosis

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: PAI-039, is a novel plasminogen activator inhibitor-1 (PAI-1) inhibitor. The pharmacokinetic profile of PAI-039 indicated an oral bioavailability of 43 +/- 15.3% and a plasma half-life of 6.2 +/- 1.3 h. PAI-039 is an orally active prothrombolytic drug that inhibits PAI-1 and accelerates fibrinolysis while maintaining normal coagulation in a model of coronary occlusion . PAI-039 exerts antithrombotic efficacy in rat models of arterial and venous vascular injury without effecting platelet aggregation. PAI-039 as a novel therapeutic may improve diabetic wound closure.