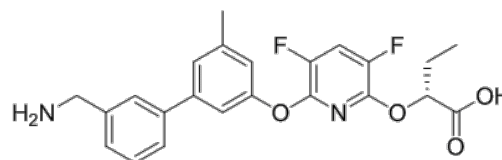


Product Name : ZK824859
Cat. No. : PC-35664
CAS No. : 2271122-53-1
Molecular Formula : C₂₃H₂₂F₂N₂O₄
Molecular Weight : 428.436
Target : Plasminogen Activator Inhibitor-1 (PAI-1)
Solubility : 10 mM in DMSO



Biological Activity

ZK824859 (ZK-824859) is a potent, selective urokinase plasminogen activator (**uPA**) inhibitor with IC₅₀ of 79 nM (human uPA), displays little to no inhibitory activity against tPA and Plasmin (IC₅₀>1 uM).

ZK 824859 is 5 fold less potent and has lost selectivity in mouse: uPA IC₅₀=410 nM; tPA IC₅₀=910 nM; plasmin IC₅₀=1600 nM.

ZK824859 demonstrates efficacy in either acute or chronic mouse EAE models.

References

Islam I, et al. *Bioorg Med Chem Lett.* 2018 Nov 1;28(20):3372-3375.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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