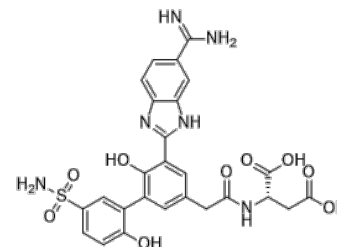


Product Name : PCI-27483
Cat. No. : PC-25822
CAS No. :
Molecular Formula : C₂₆H₂₄N₆O₉S
Molecular Weight : 596.57
Target : Carbonic Anhydrase
Solubility : 10 mM in DMSO



Biological Activity

PCI-27483 is a potent and selective inhibitor of the serine protease Factor VIIa (FVIIa) in complex with tissue factor (TF), also inhibits human carbonic anhydrase IX and XII (hCA IX and XII) with IC₅₀ of 35.7 nM and 4.7 nM, also is a potential Transmembrane protease, serine 2 (TMPRSS2) inhibitor (IC₅₀=1.41 uM) for antiviral of SARS-CoV-2.

References

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Ramanathan RK, et al. Oncology. 2019;96(4):217-222.

Shrimp JH, et al. ACS Infect Dis. 2022 Jun 10;8(6):1191-1203.

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

E-mail: tech@probechem.com