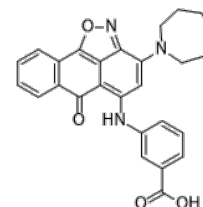


Product Name : IPR-803
Cat. No. : PC-25259
CAS No. : 892243-35-5
Molecular Formula : C₂₇H₂₃N₃O₄
Molecular Weight : 453.50
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 892243-35-5

Biological Activity

IPR-803 is a small molecule inhibitor of the uPAR-uPA protein-protein interaction, binds directly to uPAR with sub-micromolar affinity of 0.2 uM.

IPR-803 blocks invasion of breast MDA-MB-231, and inhibits matrix metalloproteinase (MMP) breakdown of the extracellular matrix (ECM).

IPR-803 also inhibits MMP activity and blocked invasion in a concentration-dependent manner.

IPR-803 impairs MDA-MB-231 cell adhesion and migration.

References

Khanna M, et al. ACS Chem Biol. 2011 Nov 18;6(11):1232-43.

Mani T, et al. Bioorg Med Chem. 2013 Apr 1;21(7):2145-55.

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

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