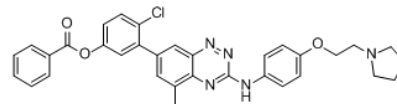


Product Name : TG 100801
Cat. No. : PC-42433
CAS No. : 867331-82-6
Molecular Formula : C₃₃H₃₀ClN₅O₃
Molecular Weight : 580.076
Target : Src
Solubility : 10 mM in DMSO



Biological Activity

TG 100801 is the prodrug of TG 100572, a potent, dual receptor tyrosine kinase/**Src** kinase inhibitor with IC₅₀ of 2-16 nM for VEGFR, FGFR and PDGFR, 0.1-5 nM for Src family.

TG 100801 significantly suppresses laser-induced CNV in mice, and reduces fluorescein leakage from the vasculature and retinal thickening in a rat model of retinal vein occlusion (topical administration).

References

- Doukas J, et al. J Cell Physiol. 2008 Jul;216(1):29-37.
Sharma S, et al. J Virol. 2011 Jun;85(12):5995-6007.
Palanki MS, et al. J Med Chem. 2008 Mar 27;51(6):1546-59.

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

E-mail: tech@probechem.com