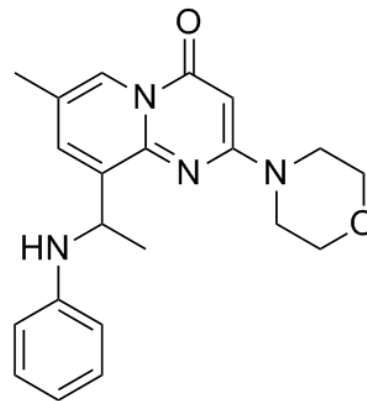


Product Name : TGX-221
Cat. No. : PC-42325
CAS No. : 663619-89-4
Molecular Formula : C₂₁H₂₄N₄O₂
Molecular Weight : 364.4409
Target : PI3K
Solubility : 10 mM in DMSO



Biological Activity

TGX-221 is a potent, selective PI3K **p110 β** inhibitor with IC₅₀ of 8.5 nM.
TGX-221 weakly inhibits p110 δ (IC₅₀=211 nM), and no activity against p110 α (IC₅₀>1 μ M).
TGX-221 inhibits platelet-ECC interaction, platelet aggregation and platelet-granulocyte binding.
TGX-221 shows anti-thrombotic effect devoid of other cardiovascular actions in rats.

References

- Frazzetto M, et al. *Biochem J.* 2008 Sep 15;414(3):383-90.
Sturgeon SA, et al. *Eur J Pharmacol.* 2008 Jun 10;587(1-3):209-15.
Chaussade C, et al. *Biochem J.* 2007 Jun 15;404(3):449-58.
Straub A, et al. *Thromb Haemost.* 2008 Mar;99(3):609-15.

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

E-mail: tech@probechem.com