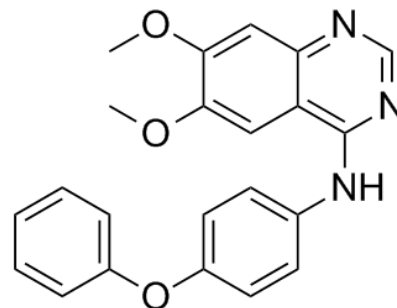


Product Name : Src Inhibitor 1
Cat. No. : PC-42303
CAS No. : 179248-59-0
Molecular Formula : C₂₂H₁₉N₃O₃
Molecular Weight : 373.40456
Target : Src
Solubility : DMSO: 6.2 mg/mL (Need ultrasonic)



Biological Activity

A potent, selective dual site inhibitor of Src tyrosine kinase with K_i of 15 nM; has IC_{50} of 44 nM and 88 nM for Src and Lck, respectively; shows selectivity over VEGFR2 (88-fold) and C-fms (190-fold), also inhibits Csk and Yes with similar potency as Src, no activity against p38 α /p38 β MAPKs or CK1 δ .

References

- Tian G, et al. *Biochemistry*. 2001 Jun 19;40(24):7084-91.
Bain J, et al. *Biochem J*. 2007 Dec 15;408(3):297-315.

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

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