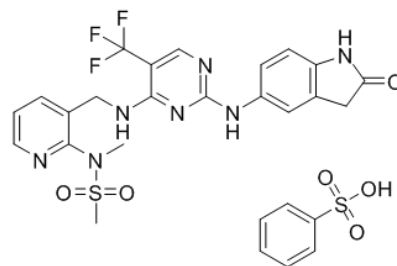


Product Name : PF-562271 besylate
Cat. No. : PC-42600
CAS No. : 939791-38-5
Molecular Formula : C₂₇H₂₆F₃N₇O₆S₂
Molecular Weight : 665.6639
Target : Focal Adhesion Kinase (FAK)
Solubility : DMSO: 21.4 mg/mL



Biological Activity

PF-562271 besylate is a potent, selective, ATP-competitive, reversible inhibitor of **FAK** and **Pyk2** kinase with IC₅₀ of 1.5 nM and 14 nM, respectively.

PF-562271 displays robust inhibition in an inducible cell-based assay measuring phospho-FAK with IC₅₀ of 5 nM.

PF-562271 inhibits FAK phosphorylation in vivo in a dose-dependent fashion (EC₅₀=93 ng/mL) after in tumor-bearing mice; orally bioavailable.

References

Roberts WG, et al. *Cancer Res.* 2008 Mar 15;68(6):1935-44.

Stokes JB, et al. *Mol Cancer Ther.* 2011 Nov;10(11):2135-45.

Slack-Davis JK, et al. *Mol Cancer Ther.* 2009 Aug;8(8):2470-7.

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

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