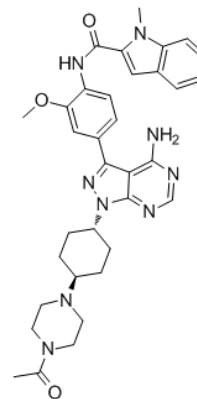


Product Name : A-770041
Cat. No. : PC-42786
CAS No. : 869748-10-7
Molecular Formula : C₃₄H₃₉N₉O₃
Molecular Weight : 621.7319
Target : Src
Solubility : 10 mM in DMSO



Biological Activity

A-770041 (A770041) is a potent and selective small-molecule inhibitor of **Lck kinase** with IC₅₀ of 147 nM. A-770041 shows 60-fold selective against Src, 95-fold selective against Fgr and 300-fold selective against Fyn. A-770041 inhibits anti-CD3 induced IL-2 with EC₅₀ of 80 nM; orally bioavailable.

References

- Stachlewitz RF, et al. *J Pharmacol Exp Ther*. 2005 Oct;315(1):36-41.
Burchat A, et al. *Bioorg Med Chem Lett*. 2006 Jan 1;16(1):118-22.
Duan Z, et al. *BMC Cancer*. 2014 Sep 19;14:681.

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

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