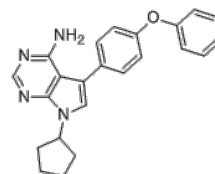


Product Name : Lck inhibitor C8863
Cat. No. : PC-35738
CAS No. : 213743-31-8
Molecular Formula : C₂₃H₂₂N₄O
Molecular Weight : 370.456
Target : Src
Solubility : 10 mM in DMSO



Biological Activity

Lck inhibitor C8863 (C8863, RK-24466, KIN 001-51) is a potent, selective **Lck** inhibitor, inhibits Lck (64-509) and LckCD isoforms with IC₅₀ of <1 nM and < 2 nM.

C8863 displays high selectivity for Lck over a range of receptor, non-receptor tyrosine kinases and seronine/threonine kinases.

C8863 significantly inhibits both VSMC proliferation and migration via down-regulating the protein kinase B (Akt) and ERK pathways, and significantly decreases the expression of PCNA, cyclin D1 and pRb.

C8863 interferes with hESC-derived ECs with IC₅₀ of 2.02 μM.

References

Otten C, et al. *EMBO Mol Med*. 2018 Oct;10(10). pii: e9155.

Seo HH, et al. *Eur J Pharmacol*. 2017 Mar 5;798:35-42.

Vazão H, et al. *Proc Natl Acad Sci U S A*. 2017 Apr 11;114(15):E3022-E3031.

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

E-mail: tech@probechem.com