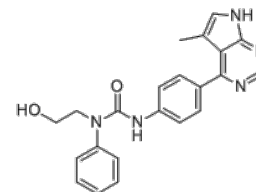


Product Name : SR7826
Cat. No. : PC-35194
CAS No. : 1219728-20-7
Molecular Formula : C₂₂H₂₁N₅O₂
Molecular Weight : 387.43
Target : LIM Kinase (LIMK)
Solubility : 10 mM in DMSO



Biological Activity

SR7826 is a potent and selective LIM kinase (**LIMK**) inhibitor with IC₅₀ of 43 nM (**LIMK1**), displays >100-fold selectivity over ROCK1 and ROCK2, as well as JNK kinases (>400-fold).

SR7826 inhibits only Limk1 and STK16 with >80% inhibition at 1 uM in a panel of 61 kinases.

SR7826 potently inhibits cofilin phosphorylation in A7r5, PC-3, and CEM-SS T cells (IC₅₀ <1 uM), suppresses migration and invasion of PC-3 cells in vitro.

References

Yu Q, et al. *Br J Pharmacol*. 2018 Jun;175(11):2077-2096.

Yin Y, et al. *J Med Chem*. 2015 Feb 26;58(4):1846-61.

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

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