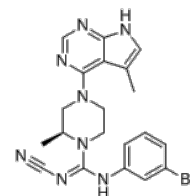


Product Name : LIMK-IN-22j
Cat. No. : PC-70097
CAS No. : 1116571-01-7
Molecular Formula : C₂₀H₂₁BrN₈
Molecular Weight : 453.348
Target : LIM Kinase (LIMK)
Solubility : 10 mM in DMSO



Biological Activity

LIMK-IN-22j (LIMK-IN-1) is a potent, selective **LIMK** inhibitor with IC₅₀ of 3.2 nM and 1.2 nM for LIMK1 and LIMK2, respectively.

LIMK-IN-22j (LIMK-IN-1) displays >100-fold selectivity for LIMK2 against ROCK1 and >900-fold selectivity against ROCK2. LIMK-IN-22j (LIMK-IN-1) reduces intraocular pressure to baseline levels in a steroid induced mouse model of ocular hypertension (topical dosing).

References

Harrison BA, et al. *J Med Chem*. 2009 Nov 12;52(21):6515-8.

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

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