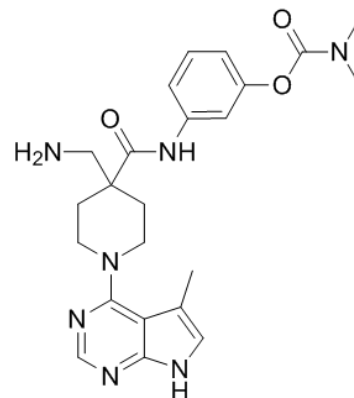


Product Name : LX7101
Cat. No. : PC-43141
CAS No. : 1192189-69-7
Molecular Formula : C₂₃H₂₉N₇O₃
Molecular Weight : 451.5215
Target : LIM Kinase (LIMK)
Solubility : DMSO: ≥ 24 mg/mL



Biological Activity

LX7101 is a potent, dual **LIMK** and **ROCK** inhibitor with IC₅₀ of 4.3/32//69/32/ nM for LIMK2/LIMK1/ROCK1/ROCK2, respectively.

LX7101 exhibits good kinase selectivity in a panel of binding assays including 78 different receptors and transporters at Cerep (only 5 have >60% inhibition at 10 uM).

LX7101 demonstrates high efficacy in mouse model of ocular hypertension, and shows potential for the treatment of glaucoma.

References

Harrison BA, et al. *ACS Med Chem Lett*. 2014 Nov 24;6(1):84-8.

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

E-mail: tech@probechem.com