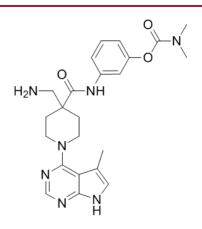


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Product Name	:	LX7101
Cat. No.	:	PC-43141
CAS No.	:	1192189-69-7
Molecular Formula	:	C ₂₃ H ₂₉ N ₇ O ₃
Molecular Weight	:	451.5215
Target	:	LIM Kinase (LIMK)
Solubility	:	DMSO: ≥ 24 mg/mL

Data Sheet

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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, ans 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