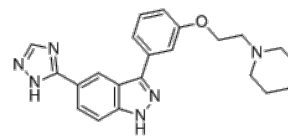


Product Name : CC-401
Cat. No. : PC-63199
CAS No. : 395104-30-0
Molecular Formula : C₂₂H₂₄N₆O
Molecular Weight : 388.5
Target : JNK
Solubility : 10 mM in DMSO



Biological Activity

CC-401 (JNK-401) is a potent, selective, ATP-competitive pan-**JNK** inhibitor with K_i of 25-50 nM, displays >40-fold selectivity over other related kinases.

CC-401 blocks JNK signaling and renal fibrosis in a rat obstructed kidney model, decrease hepatic necrosis and apoptosis after orthotopic liver transplantation and prevent acute renal failure following ischemia/reperfusion associated with renal transplantation in rats.

References

- Uehara T, et al. *Transplantation*. 2004 Aug 15;78(3):324-32.
Ma FY, et al. *J Am Soc Nephrol*. 2007 Feb;18(2):472-84.
Kanellis J, et al. *Nephrol Dial Transplant*. 2010 Sep;25(9):2898-908.

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

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