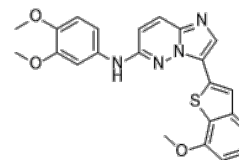


Product Name : CLFB-1134
Cat. No. : PC-23625
CAS No. : 1627729-62-7
Molecular Formula : C₂₃H₂₀N₄O₃S
Molecular Weight : 432.50
Target : Mixed Lineage Kinase (MLK)
Solubility : 10 mM in DMSO



Biological Activity

CLFB-1134 is a potent, specific and brain-penetrant inhibitor of mixed lineage kinase-3 (MLK3) with IC₅₀ of 42 nM. CLFB-1134 decreases phosphorylation of JNK in the midbrain. CLFB-1134 protects nigral dopamine neurons and striatal dopamine terminals in neurotoxin mouse model of Parkinson's disease.

References

Kline EM, et al. Exp Neurol. 2019 Aug;318:157-164.

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

E-mail: tech@probechem.com