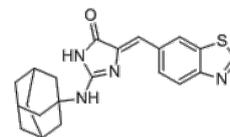


Product Name : Leucettinib-92
Cat. No. : PC-20985
CAS No. : 2732859-57-1
Molecular Formula : C₂₁H₂₂N₄OS
Molecular Weight : 378.49
Target : Cdc2-like Kinase (CLK)
Solubility : 10 mM in DMSO



CAS: 2732859-57-1

Biological Activity

Leucettinib-92 is a potent **DYRK/CLK** inhibitor, inhibits CLK1, CLK2, CLK4, DYRK1A and DYRK1B with IC₅₀ of 9.2, 6, 6, 1.2 and 1.8 nM, respectively.

Leucettinib-92 preferably targets CLK1, CLK2, CLK4, DYRK1A and DYRK1B on the Eurofins DiscovRx KinomeScan selectivity panel (468 kinases) at 1 μ M.

Leucettinib-92 can penetrate cells and inhibits DYRK1A at low concentrations (from 0.1–0.3 μ M) in cell models.

References

Emmanuel Deau, et al. *J Med Chem.* 2023 Jul 24. doi: 10.1021/acs.jmedchem.3c00884.

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

E-mail: tech@probechem.com