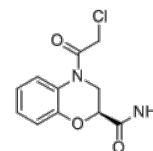


Product Name : (S)-CKi-1
Cat. No. : PC-20156
CAS No. : 2768295-41-4
Molecular Formula : C₁₁H₁₁ClN₂O₃
Molecular Weight : 254.67
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

(S)-CKi-1 is a selective, covalent inhibitor of **creatine kinases** (CKs), inhibits recombinant creatine kinase B (CKB) phosphotransfer activity with IC₅₀ of 0.6 μM, depletes creatine phosphagen energetics in cells.

References

Narek Darabedian, et al. *Nat Chem Biol.* 2023 Feb 23. doi: 10.1038/s41589-023-01273-x.

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

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