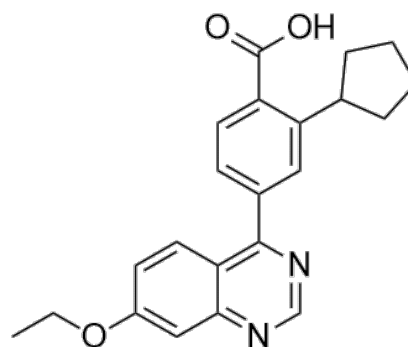


Product Name : CC-8977
Cat. No. : PC-21443
CAS No. : 3032691-65-6
Molecular Formula : C₂₂H₂₂N₂O₃
Molecular Weight : 362.43
Target : CaMK
Solubility : 10 mM in DMSO



CAS: 3032691-65-6

Biological Activity

CC-8977 (CaMKK2-IN-1) is a highly potent, selective inhibitor of calcium/calmodulin-dependent kinase kinase II (**CaMKK2**) with binding IC₅₀ of 7 nM.

CC-8977 inhibits phosphorylation of AMPK in LKB1 null A427 cells with IC₅₀ of 170 nM.

CC-8977 shows CaMKK1 binding IC₅₀ of 26 nM.

CC-8977 displays high selectivity against a panel of 259 kinases.

References

Chen Y, et al. *J Med Chem*. 2023 Dec 14;66(23):15750-15760.

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

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