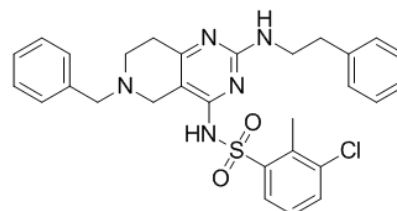


Product Name : CaMKII-IN-1
Cat. No. : PC-45443
CAS No. : 1208123-85-6
Molecular Formula : C₂₉H₃₀ClN₅O₂S
Molecular Weight : 548.0988
Target : CaMK
Solubility : DMSO: ≥ 54 mg/mL



Biological Activity

A potent and highly selective CaMKII inhibitor with IC₅₀ of 63 nM; no inhibitory effect for CaMKIV, MLCK, p38 α , Akt1, PKC etc; shows 25-fold higher potency than KN-93.

References

Asano S, et al. Bioorg Med Chem Lett. 2010 Nov 15;20(22):6696-8.

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

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