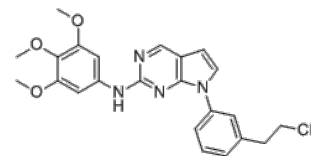


Product Name : CK2-IN-1
Cat. No. : PC-62346
CAS No. : 863598-09-8
Molecular Formula : C₂₄H₂₃N₅O₃
Molecular Weight : 429.48
Target : Casein Kinase
Solubility : 10 mM in DMSO



Biological Activity

CK2-IN-1 is a potent, competitive inhibitor of ATP binding to Casein kinase 2 (**CK2**) with IC₅₀ of 9 nM, induces differentiation of epidermal progenitor cells to terminally differentiated keratinocytes with EC₅₀ of 0.1 μM.

References

Hong J. et al. *ACS Chem Biol.* 2007 Mar 20;2(3):171-5.

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

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