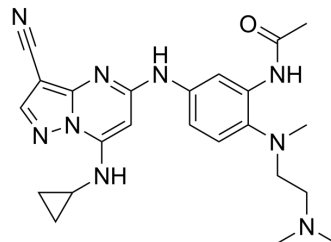


CK2-IN-9

Cat. No.:	HY-12570
CAS No.:	1461658-58-1
Molecular Formula:	C ₂₃ H ₂₉ N ₉ O
Molecular Weight:	447.54
Target:	Casein Kinase; Wnt
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CK2-IN-9 is a potent and selective inhibitor of CK2 kinase with an IC₅₀ of 3 nM. CK2-IN-9 reduces Wnt reporter activity with an IC₅₀ of 75 nM. CK2-IN-9 has low exposure (AUC=0.36 μM/h) and high clearance (CL=65 mL/min/kg) properties in rat^[1].

REFERENCES

[1]. Dowling JE, et al. Potent and Selective CK2 Kinase Inhibitors with Effects on Wnt Pathway Signaling in Vivo. ACS Med Chem Lett. 2016 Jan 20;7(3):300-5.

Caution: Product has not been fully validated for medical applications. For research use only.

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