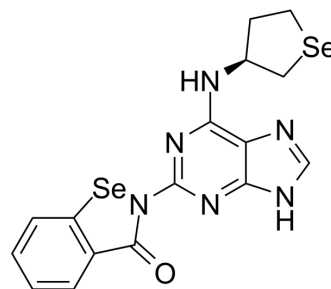


Aurora A/PKC-IN-1

Cat. No.:	HY-144307
CAS No.:	3031505-76-4
Molecular Formula:	C ₁₆ H ₁₄ N ₆ OSe ₂
Molecular Weight:	464.24
Target:	Aurora Kinase; PKC
Pathway:	Cell Cycle/DNA Damage; Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aurora A/PKC-IN-1 (Compound 2e) is a potent dual inhibitor of Aurora A (AurA) and PKC (α, β1, β2, and θ) kinases with IC ₅₀ s of 6.9 nM and 16.9 nM for AurA and PKCα, respectively. Aurora A/PKC-IN-1 has antiproliferative activity in breast cancer cells and antimetastatic activity ^[1] .	
IC₅₀ & Target	Aurora A 6.9 nM (IC ₅₀)	PKCα 16.9 nM (IC ₅₀)

REFERENCES

[1]. Bijian K, et al. Novel Aurora A and Protein Kinase C (α, β1, β2, and θ) Multitarget Inhibitors: Impact of Selenium Atoms on the Potency and Selectivity. *J Med Chem.* 2022;65(4):3134-3150.

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

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