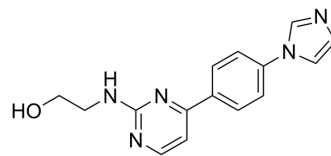


AP-C6

Cat. No.:	HY-153542
CAS No.:	2234276-60-7
Molecular Formula:	C ₁₅ H ₁₅ N ₅ O
Molecular Weight:	281.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AP-C6 is a potent inhibitor of guanosine 3',5'-cyclic monophosphate (cGMP)-dependent protein kinase II (cGKII) with a pIC ₅₀ of 6.5. AP-C6 concentration-dependently inhibits human cGKII activity in vitro. AP-C6 potentiates cAMP signaling by PDE inhibition ^[1] .
IC ₅₀ & Target	pIC ₅₀ : 6.5 (cGKII) ^[1]

REFERENCES

[1]. Marcel J C Bijvelds, et al. Selective inhibition of intestinal guanosine 3',5'-cyclic monophosphate signaling by small-molecule protein kinase inhibitors. J Biol Chem. 2018 May 25;293(21):8173-8181.

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

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