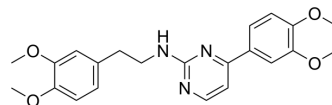


AP-C3

Cat. No.:	HY-153539
CAS No.:	682795-78-4
Molecular Formula:	C ₂₂ H ₂₃ N ₃ O ₄
Molecular Weight:	393.44
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AP-C3 is a potent inhibitor of guanosine 3',5'-cyclic monophosphate (cGMP)-dependent protein kinase II (cGKII) with a pIC ₅₀ of 6.3. AP-C3 only weakly inhibits cGKII-dependent anion secretion ^[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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