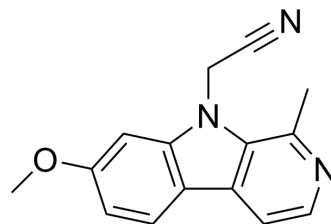


AnnH31

Cat. No.:	HY-129449
CAS No.:	241809-12-1
Molecular Formula:	C ₁₅ H ₁₃ N ₃ O
Molecular Weight:	251.28
Target:	Monoamine Oxidase; DYRK
Pathway:	Neuronal Signaling; Protein Tyrosine Kinase/RTK
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	AnnH31 is a Dyrk1A inhibitor (IC ₅₀ : 81 nM). AnnH31 also inhibits MAO-A with an IC ₅₀ of 3.2 μM ^[1] .
IC ₅₀ & Target	81 nM (Dyrk1A), 3.2 μM (MAO-A) ^[1]

REFERENCES

[1]. Rübén K, et al. Selectivity Profiling and Biological Activity of Novel β-Carbolines as Potent and Selective DYRK1 Kinase Inhibitors. PLoS One. 2015 Jul 20;10(7):e0132453.

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

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