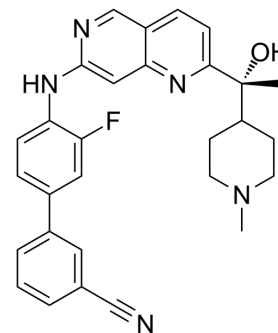


CDK5-IN-2

Cat. No.:	HY-145693
CAS No.:	2639542-22-4
Molecular Formula:	C ₂₉ H ₂₈ FN ₅ O
Molecular Weight:	481.56
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CDK5-IN-2 (compound 15) is a highly selective CDK5 inhibitor with IC ₅₀ s of 0.2 and 23 for CDK5/p25 and CDK2/CycA, respectively ^[1] .	
IC ₅₀ & Target	Cdk5/p25 0.2 nM (IC ₅₀)	CDK2/CycA 23 nM (IC ₅₀)

REFERENCES

[1]. Daniels MH, et al. Discovery and Optimization of Highly Selective Inhibitors of CDK5. J Med Chem. 2022;65(4):3575-3596.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA