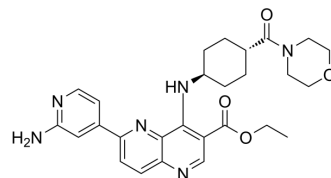


Dyrk1A-IN-2

Cat. No.:	HY-147760
Molecular Formula:	C ₂₇ H ₃₂ N ₆ O ₄
Molecular Weight:	504.58
Target:	DYRK
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dyrk1A-IN-2 (Compound 63) is a DYRK1A inhibitor with an EC ₅₀ of 37 nM. Dyrk1A-IN-2 exhibits highly potent human β-cell replication-promoting activity and low cytotoxicity ^[1] .
IC ₅₀ & Target	DYRK1A 37 nM (EC50)

REFERENCES

[1]. Allegretti PA, et al. Generation of highly potent DYRK1A-dependent inducers of human β-Cell replication via Multi-Dimensional compound optimization. Bioorg Med Chem. 2020 Jan 1;28(1):115193.

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