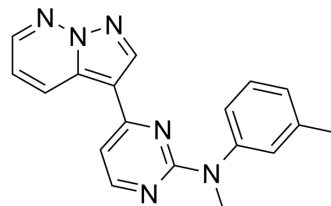


Dyrk1A-IN-3

Cat. No.:	HY-147060
CAS No.:	2493976-27-3
Molecular Formula:	C ₁₈ H ₁₆ N ₆
Molecular Weight:	316.36
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-3 (Compound 8b), a highly selective dual-specificity tyrosine-regulated kinase 1A (DYRK1A) inhibitor, maintains high levels of DYRK1A binding affinity (IC₅₀=76 nM). Dyrk1A-IN-3 can be used for the research of neurodegenerative disorders such as Alzheimer's Disease, Huntington's Disease, and Parkinson's Disease^[1].

REFERENCES

[1]. Scott H Henderson, et al. Mining Public Domain Data to Develop Selective DYRK1A Inhibitors. ACS Med Chem Lett. 2020 Jun 30;11(8):1620-1626.

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

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