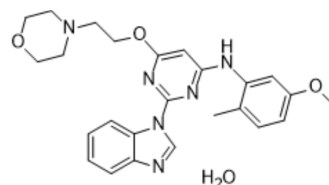


Lck Inhibitor III

Cat. No.:	HY-112335
CAS No.:	1188890-30-3
Molecular Formula:	C ₂₅ H ₃₀ N ₆ O ₄
Molecular Weight:	478.54
Target:	Src; Interleukin Related
Pathway:	Protein Tyrosine Kinase/RTK; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lck Inhibitor III (compound 12h) is a potent Lck inhibitor, with an IC ₅₀ of 867 nM. Lck Inhibitor III inhibits IL-2 synthesis in Jurkat cells, with an IC ₅₀ of 1.270 μM ^[1] .	
IC ₅₀ & Target	IL-2	Lck 867 nM (IC ₅₀)

REFERENCES

[1]. Sabat M, et al. The development of 2-benzimidazole substituted pyrimidine based inhibitors of lymphocyte specific kinase (Lck). Bioorg Med Chem Lett. 2006 Dec 1;16(23):5973-7.

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

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