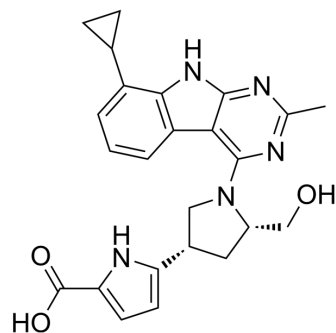


PDHK-IN-4

Cat. No.:	HY-146552
Molecular Formula:	C ₂₄ H ₂₅ N ₅ O ₃
Molecular Weight:	431.49
Target:	PDHK
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PDHK-IN-4 (Compound 30) is a potent inhibitor of PDHK with IC₅₀s of 0.0051 and 0.0122 μM for PDHK2 and PDHK4, respectively. Pyruvate dehydrogenase kinases (PDHKs) are fascinating agent targets for numerous diseases, including diabetes and cancers. PDHK-IN-4 has the potential for the research of cancer diseases^[1].

REFERENCES

[1]. Bessho Y, et al. Structure-based drug design of novel and highly potent pyruvate dehydrogenase kinase inhibitors. *Bioorg Med Chem.* 2021 Dec 15;52:116514

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

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