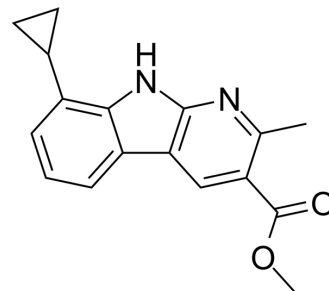


## PDHK-IN-3

Cat. No.:	HY-146801
Molecular Formula:	C <sub>17</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	280.32
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-3 (compound 7) is a potent PDHK (pyruvate dehydrogenase kinase) inhibitor, with IC <sub>50</sub> values of 0.21 and 1.54 μM for PDHK2 and PDHK4, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.21 μM (PDHK2), 1.54 μM (PDHK4) <sup>[1]</sup>

## 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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