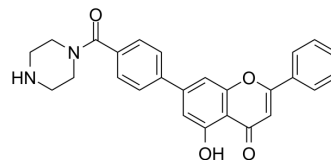


## CDK8-IN-5

Cat. No.:	HY-147527
CAS No.:	2855087-10-2
Molecular Formula:	C <sub>26</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	426.46
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	CDK8-IN-5 is a potent CDK8 inhibitor with an IC <sub>50</sub> of 72 nM. CDK8-IN-5 shows anti-inflammatory activities with 43% IL-10 enhancement rate. CDK8-IN-5 has the potential for the research of inflammatory bowel disease <sup>[1]</sup> .
IC <sub>50</sub> & Target	CDK8 72 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Yan Y, et al. Discovery and Anti-Inflammatory Activity Evaluation of a Novel CDK8 Inhibitor through Upregulation of IL-10 for the Treatment of Inflammatory Bowel Disease In Vivo. J Med Chem. 2022 May 26;65(10):7334-7362.

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

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