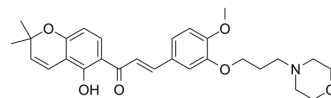


## DYB-03

Cat. No.:	HY-161313
CAS No.:	2982792-85-6
Molecular Formula:	C <sub>28</sub> H <sub>33</sub> NO <sub>6</sub>
Molecular Weight:	479.56
Target:	Histone Methyltransferase; HIF/HIF Prolyl-Hydroxylase
Pathway:	Epigenetics; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

DYB-03 is an oral active HIF-1 $\alpha$ /EZH2 inhibitor. DYB-03 inhibits migration, invasion, and angiogenesis of lung cancer cells and HUVECs in vitro and in vivo. DYB-03 induces apoptosis in 2-ME<sup>2-</sup> and GSK126-resistant of A549 and H460 cells<sup>[1]</sup>.

## REFERENCES

[1]. Wang J, et al. The Interplay Between HIF-1 $\alpha$  and EZH2 in Lung Cancer and Dual-Targeted Drug Therapy. *Adv Sci (Weinh)*. 2024 Feb;11(7):e2303904.

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

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