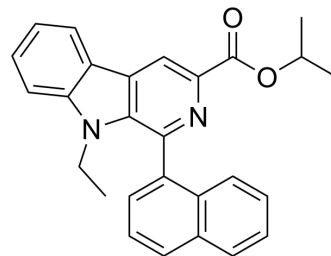


## PI3K $\alpha$ -IN-16

Cat. No.:	HY-161140
CAS No.:	1448711-61-2
Molecular Formula:	C <sub>27</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	408.49
Target:	PI3K; Wnt
Pathway:	PI3K/Akt/mTOR; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

PI3K $\alpha$ -IN-16 (Z86) is a novel PI3K $\alpha$  inhibitor with an IC<sub>50</sub> value of 4.28  $\mu$ M. PI3K $\alpha$ -IN-16 has potent inhibitory efficiency on PI3K-mediated CRCs growth and migration. PI3K $\alpha$ -IN-16 also inhibits the Wnt signaling pathway<sup>[1]</sup>.

### REFERENCES

[1]. Nie S, et al.  $\beta$ -carboline derivative Z86 attenuates colorectal cancer cell proliferation and migration by directly targeting PI3K. *Nat Prod Bioprospect.* 2024 Jan 3;14(1):3.

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

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