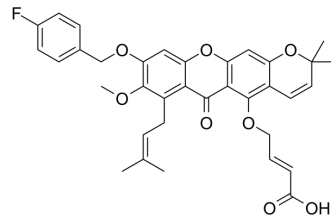


## PDE4-IN-3

<b>Cat. No.:</b>	HY-132887
<b>CAS No.:</b>	2755687-49-9
<b>Molecular Formula:</b>	C <sub>35</sub> H <sub>33</sub> FO <sub>8</sub>
<b>Molecular Weight:</b>	600.63
<b>Target:</b>	Phosphodiesterase (PDE)
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

PDE4-IN-3 is a novel and orally active PDE4 inhibitor with potent inhibitory affinity (IC<sub>50</sub> = 4.2 nM).

## REFERENCES

[1]. Huang YY, et al. Mangostanin Derivatives as Novel and Orally Active Phosphodiesterase 4 Inhibitors for the Treatment of Idiopathic Pulmonary Fibrosis with Improved Safety. *J Med Chem.* 2021 Sep 23;64(18):13736-13751.

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

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