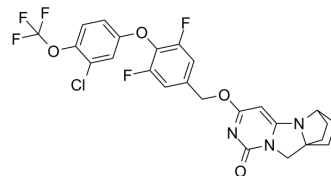


## Lp-PLA2-IN-9

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-142777   |
| CAS No.:           | 2637485-12-0  |
| Molecular Formula: | C <sub>25</sub> H <sub>19</sub> ClF <sub>5</sub> N <sub>3</sub> O <sub>4</sub>            |
| Molecular Weight:  | 555.88  |
| Target:            | Phospholipase   |
| Pathway:           | Metabolic Enzyme/Protease   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Lp-PLA2-IN-9 (compound 17), a tetracyclic pyrimidinone compound, is a potent Lp-PLA2 inhibitor with a pIC<sub>50</sub> of 10.1 for rhLp-PLA2. Lp-PLA2-IN-9 has the potential for neurodegenerative related diseases research<sup>[1]</sup>.

### REFERENCES

[1]. Qiong Xiao, et al. Tetracyclic pyrimidinone compounds, preparation method, composition and application thereof. CN112574221B.

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

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