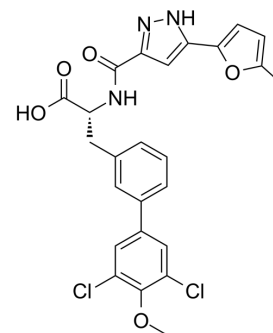


## PLAP-IN-1

Cat. No.:	HY-139852
CAS No.:	2857113-78-9
Molecular Formula:	C <sub>25</sub> H <sub>21</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	514.36
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

PLAP-IN-1 is a potent (IC<sub>50</sub> = 32 nM) and selective PLAP inhibitor, with no detectable inhibition of tissue non-specific alkaline phosphatase (TNAP) activity.

## REFERENCES

[1]. Bassi G, et al. Specific Inhibitor of Placental Alkaline Phosphatase Isolated from a DNA-Encoded Chemical Library Targets Tumor of the Female Reproductive Tract. *J Med Chem.* 2021 Nov 11;64(21):15799-15809.

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

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