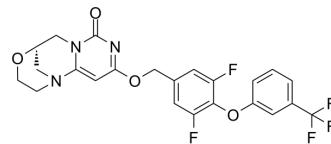


Lp-PLA2-IN-4

Cat. No.:	HY-142669
CAS No.:	2738877-91-1
Molecular Formula:	C ₂₃ H ₁₈ F ₅ N ₃ O ₄
Molecular Weight:	495.4
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-4 is a potent inhibitor of lipoprotein-associated phospholipase A2 (Lp-PLA2). Lp-PLA2 previously known as platelet-activating factor acetylhydrolase (PAF-AH), is a phospholipase A2 enzyme involved in hydrolysis of lipoprotein lipids or phospholipids. Lp-PLA2-IN-4 has the potential for the research of diseases associated with the activity of Lp-PLA2, for example atherosclerosis, Alzheimer's disease (extracted from patent WO2021228159A1, compound 38) ^[1] .
IC ₅₀ & Target	Lp-PLA2 ^[1]

REFERENCES

[1]. Zhenhua Gu, et al. Bridging cyclic pyrimidinones, methods of preparation thereof, compositions thereof and uses. Patent WO2021228159A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA