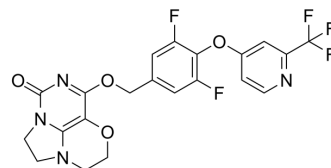


Lp-PLA2-IN-10

Cat. No.:	HY-142778
CAS No.:	2756855-45-3
Molecular Formula:	C ₂₁ H ₁₅ F ₅ N ₄ O ₄
Molecular Weight:	482.36
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-10 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-10 has the potential for the research of neurodegenerative-related diseases such as Alzheimer's disease (AD), glaucoma, age-related macular degeneration (AMD), or cardiovascular diseases including atherosclerosis (extracted from patent WO2022001881A1, compound 4)^[1].

REFERENCES

[1]. Zhenhua Gu, et al. Bridging cyclic pyrimidinones, methods of preparation thereof, compositions thereof and uses. Patent WO2022001881A1.

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