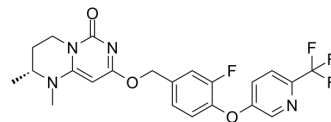


Lp-PLA2-IN-11

Cat. No.:	HY-142779
CAS No.:	1620680-19-4
Molecular Formula:	C ₂₂ H ₂₀ F ₄ N ₄ O ₃
Molecular Weight:	464.41
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-11 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-11 has the potential for the research of diseases associated with the activity of Lp-PLA2, for example atherosclerosis, Alzheimer's disease (extracted from patent WO2014114249A1, compound E145) ^[1] .
IC ₅₀ & Target	Lp-PLA2 ^[1]

REFERENCES

[1]. Zehong Wan, et al. Bicyclic pyrimidone compounds as inhibitors of lp-pla2. Patent WO2014114249A1.

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

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