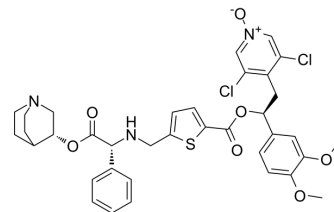


PDE4-IN-4

Cat. No.:	HY-115871
CAS No.:	1793069-00-7
Molecular Formula:	C ₃₆ H ₃₇ Cl ₂ N ₃ O ₇ S
Molecular Weight:	726.67
Target:	Phosphodiesterase (PDE); mAChR
Pathway:	Metabolic Enzyme/Protease; GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PDE4-IN-4 is a dual M3 (pIC ₅₀ = 10.2) antagonist-PDE4 (pIC ₅₀ = 8.8) inhibitor for the inhaled research of pulmonary diseases.	
IC ₅₀ & Target	PDE4	mAChR3

REFERENCES

[1]. Armani E, et al. Discovery of M3 Antagonist-PDE4 Inhibitor Dual Pharmacology Molecules for the Treatment of Chronic Obstructive Pulmonary Disease. J Med Chem. 2021 Jul 8;64(13):9100-9119.

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

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