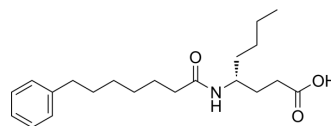


CAY10590

Cat. No.:	HY-120441
CAS No.:	1101136-50-8
Molecular Formula:	C ₂₁ H ₃₃ NO ₃
Molecular Weight:	347.49
Target:	Phospholipase; Prostaglandin Receptor
Pathway:	Metabolic Enzyme/Protease; GPCR/G Protein
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	CAY10590 (GK115) is an inhibitor of secreted phospholipase A ₂ (sPLA ₂) and can be used for the research of chronic inflammatory kidney diseases ^[1] .
IC ₅₀ & Target	sPLA2
In Vitro	CAY10590 (GK115) (0-10 μM; 24 h) inhibits IL-1β/forskolin-stimulated PGE ₂ formation in mesangial cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Vasilakaki S, et al. Small Peptides Able to Suppress Prostaglandin E₂ Generation in Renal Mesangial Cells. *Molecules*. 2018 Jan 13;23(1):158.

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

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