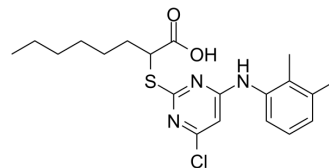


YS121

Cat. No.:	HY-111140
CAS No.:	916482-17-2
Molecular Formula:	C ₂₀ H ₂₆ ClN ₃ O ₂ S
Molecular Weight:	407.96
Target:	PGE synthase; Lipoxygenase
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

YS121 is a dual inhibitor of microsomal prostaglandin E2 synthase-1 (mPGES-1; IC₅₀=3.4 μM) and 5-lipoxygenase (5-LOX; IC₅₀=6.5 μM). YS121 dose- dependently reduces PGE2 production with EC₅₀=12 μM in IL-1β-stimulated A549 cells^[1].

REFERENCES

[1]. Hui-Hua Chang, et al. Identification and development of mPGES-1 inhibitors: where we are at?. Future Med Chem. 2011 Nov;3(15):1909-34.

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

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