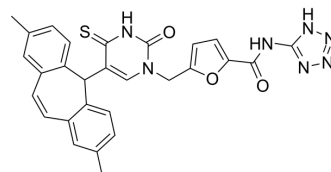


AR-C118925XX

Cat. No.:	HY-110126
CAS No.:	216657-60-2
Molecular Formula:	C ₂₈ H ₂₃ N ₇ O ₃ S
Molecular Weight:	537.59
Target:	P2Y Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AR-C118925XX is a selective P2Y2 receptor antagonist. AR-C118925XX inhibits ATP-induced IL-6 production and phosphorylation of p38. AR-C118925XX also inhibits Bleomycin (HY-108345)-induced dermal fibrosis in mice. AR-C118925XX also inhibits ATP-induced tumor growth ^{[1][2]} .
IC ₅₀ & Target	P2Y2 Receptor
In Vivo	AR-C118925XX (i.p.) suppresses Bleomycin-enhanced dermal thickness in mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Perera LMB, et al. The Regulation of Skin Fibrosis in Systemic Sclerosis by Extracellular ATP via P2Y2 Purinergic Receptor. *J Invest Dermatol.* 2019 Apr;139(4):890-899.
- [2]. Dong CR, et al. AKT/GSK-3beta/VEGF signaling is involved in P2RY2 activation-induced the proliferation and metastasis of gastric cancer. *Carcinogenesis.* 2022 Dec 5;bgac095.

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

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