

Product Datasheet

AR-C126313

Catalog No. **BP-02440** · CAS **216657-60-2** · Form **free base** · Physical state **solid** · Color **Light yellow to yellow** · Version **1.0** · Revision **2026-09-11**

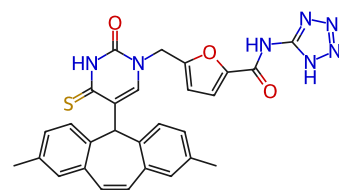
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Target P2Y Receptor	Research area Inflammation/Immunology; Cancer
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Molecular formula **C₂₈H₂₃N₇O₃S**

Molecular weight **537.5920**

STRUCTURE



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 -induced dermal fibrosis in mice. AR-C118925XX also inhibits ATP-induced tumor growth .

BIOLOGICAL ACTIVITY

In Vivo

AR-C118925XX (i.p.) suppresses Bleomycin-enhanced dermal thickness in mice.

SOLUBILITY

Soluble in DMSO : 100 mg/mL

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.

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