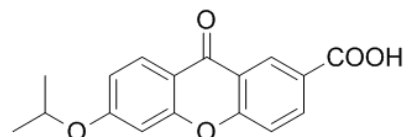


Product Name : AH6809
Cat. No. : PC-42574
CAS No. : 33458-93-4
Molecular Formula : C₁₇H₁₄O₅
Molecular Weight : 298.2901
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



Biological Activity

AH6809 is a xanthone derivative that functions as an EP and DP receptor antagonist with K_i of 1217, 1150, 1597, and 1415 nM for the cloned human EP1, EP2, EP3-III, and DP receptor respectively.

AH6809 blocks the PGE₂-induced accumulation of cAMP in COS cells transfected with the human EP2 receptor.

AH6809 is an effective antagonist antiaggregatory actions of PGD₂, but not PGI₂, with EC₅₀ 50 μM in whole human platelet.

References

Armstrong RA, et al. Br J Pharmacol. 1986 Mar;87(3):543-51.

Woodward DF, et al. Biochem Pharmacol. 1995 Nov 9;50(10):1731-3.

Keery RJ, et al. Br J Pharmacol. 1988 Jul;94(3):745-54.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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