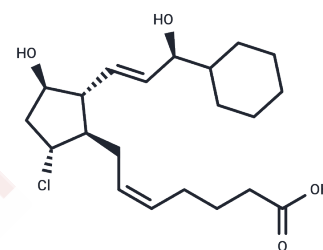


ZK110841

Chemical Properties

CAS No. : 105595-17-3
 Formula: C₂₁H₃₃ClO₄
 Molecular Weight: 384.94
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	ZK110841 is an agonist of prostaglandin DP-receptors on human platelet. ZK110841 elevated the cyclic AMP level in EBTr cells dose-dependently, being more than 100 fold over the basal level at 1 microM.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5978 mL	12.989 mL	25.9781 mL
5 mM	0.5196 mL	2.5978 mL	5.1956 mL
10 mM	0.2598 mL	1.2989 mL	2.5978 mL
50 mM	0.052 mL	0.2598 mL	0.5196 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ito S, Okuda E, Sugama K, Negishi M, Hayaishi O. Evaluation of ZK110841 and AH6809, an agonist and an antagonist of prostaglandin DP-receptors on human platelets, with a PGD₂-responsive cell line from bovine embryonic trachea. Br J Pharmacol. 1990 Jan;99(1):13-4. PubMed PMID: 2158830; PubMed Central PMCID: PMC1917504.

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