

Product datasheet

Prostaglandin D2, HDP₁ and CRTH2 receptor agonist
ab120888

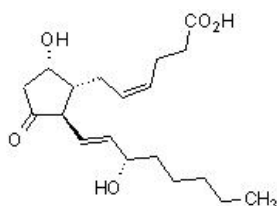
Overview

Product name	Prostaglandin D2, HDP ₁ and CRTH2 receptor agonist
Description	High affinity DP ₁ and CRTH2 receptor agonist. Major prostaglandin produced by mast cells.
Biological description	High affinity DP ₁ receptor agonist (K _i = 21 nM). Able to bind to the CRTH2 receptor (K _i = 2.4 nM). Major prostaglandin produced by mast cells in allergic disease. Capable of recruiting other inflammatory cells including eosinophils and basophils.

Purity > 99%

CAS Number 41598-07-6

Chemical structure



Properties

Chemical name	(5Z,9α,13E,15S)-9,15-Dihydroxy-11-oxoprostano-5,13-dien-1-oic acid
Molecular weight	352.47
Molecular formula	C ₂₀ H ₃₂ O ₅
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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