

Product datasheet

(+)-5-trans-Cloprostenol, prostaglandin F_{2α} derivative ab144420

1 Image

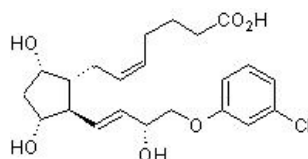
Overview

Product name	(+)-5-trans-Cloprostenol, prostaglandin F _{2α} derivative
Description	Synthetic prostaglandin F _{2α} derivative
Biological description	Synthetic prostaglandin F _{2α} derivative. Minor impurity produced in the synthesis of (+)-cloprostenol. Luteolytic agent for the induction of estrus in animal models. The (+)-5-trans isomer is less active than the 5-cis form in terminating pregnancy in the hamster

Purity > 98%

CAS Number 57968-81-7

Chemical structure



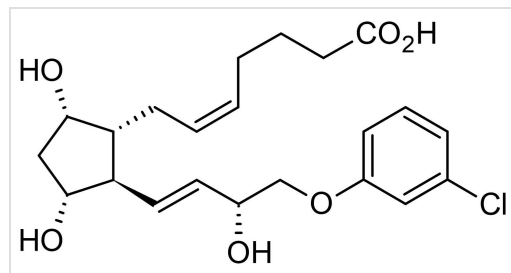
Properties

Chemical name	(+)-16-(3-Chlorophenoxy)-9α,11α,15 <i>R</i> -trihydroxy-17,18,19,20-tetranorprosta-5 <i>E</i> ,13 <i>E</i> -dien-1-oic acid
Molecular weight	424.90
Molecular formula	C ₂₂ H ₂₉ ClO ₆
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
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.

Source

Synthetic

Images



2D chemical structure image of ab144420, (+)-5-trans-Cloprostenoil, prostaglandin F_{2α} derivative

Chemical Structure - (+)-5-trans-Cloprostenoil, prostaglandin F_{2α} derivative (ab144420)

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