

Product datasheet

Prostaglandin I₂ sodium salt ab120912

Overview

Product name	Prostaglandin I ₂ sodium salt
Description	Potent vasodilator and inhibitor of platelet aggregation
Purity	> 99%

Properties

Chemical name	(5Z,9α,11α,13E,15S)-6,9-Epoxy-11,15-dihydroxyprosta-5,13-dien-1-oic acid sodium salt
Molecular weight	374.45
Chemical structure	

Molecular formula C₂₀H₃₁NaO₅

CAS Number 61849-14-7

Storage instructions Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview Soluble in PBS to 25 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.

SMILES CCCCC(O)/C=C/[C@H]1C(O)CC2O/C(=CCCC)/CC12

Source Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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