

Product datasheet

Prostaglandin I<sub>2</sub> sodium salt ab120912

Overview

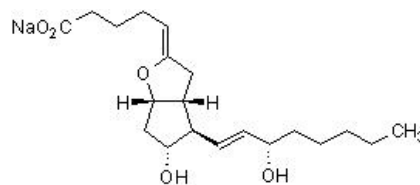
<b>Product name</b>	Prostaglandin I <sub>2</sub> sodium salt
<b>Description</b>	Potent vasodilator and inhibitor of platelet aggregation
<b>Purity</b>	> 99%

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** C<sub>20</sub>H<sub>31</sub>NaO<sub>5</sub>

**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"

- 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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