

## Prostaglandin A1, Endogenous prostaglandin

Catalog	Unit
TBI4461 - 1MG	1 mg
TBI4461 - 5MG	5 mg

### Product Details

**Formal Name:** 15(S)-9-Oxo-15-hydroxyprosta-10,13E-dien-1-oic acid

**Alternate Names:** PGA1

**Molecular Formula:** C<sub>20</sub>H<sub>32</sub>O<sub>4</sub>

**Formula Weight:** 336.47

**CAS Number:** 14152-28-4

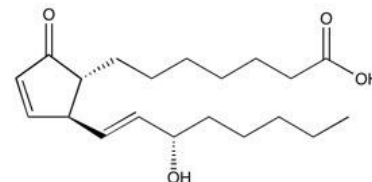
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to at least 25 mg/ml) or in Ethanol (up to at least 25 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Endogenous prostaglandin

### Functions

Prostaglandin A1 (PGA1, 14152-28-4) is a naturally occurring prostaglandin with diverse biological actions including anti-hypertensive, anti-inflammatory, anti-viral, and anticancer.

### Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml) or in Ethanol (up to at least 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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