

## Prostaglandin E1 Biochemical | PGE1 biochemical

Prostaglandin E1

CATALOG #  
**AAA77014**

HOST  
**Synthetic**

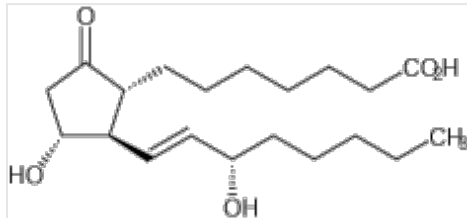
### PRODUCT SYNONYMS

Prostaglandin E1; PGE1 biochemical

### PRODUCT SPECIFICATIONS

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Host                    | Synthetic                                          |
| Purity/Purification     | >=98% (HPLC)                                       |
| Form/Format             | White to off-white solid.                          |
| Formula                 | C <sub>20</sub> H <sub>34</sub> O <sub>5</sub>     |
| CAS Number              | 745-65-3                                           |
| Solubility              | Soluble in ethanol (50mg/ml) or acetone (10mg/ml). |
| Preparation and Storage | Long term storage: -20 degree C                    |

### IMAGES



Structure

### ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                         |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PGE1 biochemical | Biosynthesis from dihomo-γ-linolenic acid. A major prostaglandin in semen. Inhibits human platelet aggregation. Effects induced by receptor-mediated elevation of cAMP. |
| Product Categories/Family for PGE1 biochemical   | Cell Signaling; Small Molecules                                                                                                                                         |

### NCBI AND UNIPROT INFORMATION

|                  |       |
|------------------|-------|
| Molecular Weight | 354.5 |
|------------------|-------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.