

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	49420
Product	Prostaglandin E1 Alprostadil (11 α ,13E,15S)-11,15-Dihydroxy-9-oxoprost-13-en-1-oic acid
CAS Number	745-65-3
Molecular Formula	C ₂₀ H ₃₄ O ₅
Molecular Weight	354.49

Warnings	Heat sensitive!
Appearance	White or slightly yellowish crystalline powder
Water Content (Karl Fisher)	≤ 0.5%
Identification	Test A : Infrared Spectrum : Conforms to structure
Impurities	Prostaglandins A1 : ≤ 1.5% Prostaglandins A2 : ≤ 0.1% Any foreign prostaglandin impurity eluting before Prostaglandin A1 : ≤ 0.9% Impurity at relative retention time 0.6, relative to Prostaglandin A1 : ≤ 0.9%
Related Substances	Sum of the impurities at relative retention times 2.0 and 2.3 : ≤ 0.6% Any other foreign prostaglandins impurity eluting after prostaglandin A1 : ≤ 0.9% Total impurities : ≤ 2%
Residue On Ignition	≤ 0.5%
Assay (anhydrous basis)	95 - 105%
Grade	Meets USP specification
Storage	Store at ≤ -20 °C
Additional Information	Limit of Chromium : ≤ 0.002% Limit of Rhodium : ≤ 0.002%

Product Specifications

Catalog Number: 49420

For Laboratory Use Only