



Certificate of Analysis

Alprostadi(prostaglandin E1)

Brand Name :Biochempartner

M.Wt: 354.48

Formula: C₂₀H₃₄O₅

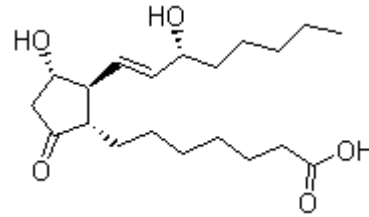
Solubility: DMSO

Purity: >98%

Storage: at -20°C 2 years

CAS No.: 745-65-3

Batch NO: 2014022602



Item	Specification	Results
Description	White to off-white crystalline powder	off-white crystalline powde
	HPLC: the retention time for the peak of the test solution should be consistent with the reference solution peak retention time	Conforms
Identification	IR: the infrared absorption spectrum should be consistent with the reference standard spectrum	Conforms
Melting point	113-118°C	116-117°C
Special optical rotation	-60°to -70°	-66°
Related substance	PGAI:0.5%max	Undetected
	PGBI: 0.5%max	Undetected
	13,14-Dihydro-PGEI: 0.5%max	Undetected
	Other impurity: 0.5%max	Undetected
Loss on drying	≤1.0%	0.1%
Assay	95.0%-105.0%	99.9%

Conclusion: Complies with CP2010 standrd.

For and on behalf of
SHANGHAI BIOCHEMPARTNER CO., LIMITED

Authorized Signature(s)

Kevin



QA manager :kexianxun

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