

Alprostadil Biochemical

Alprostadil

CATALOG #
AAA201935

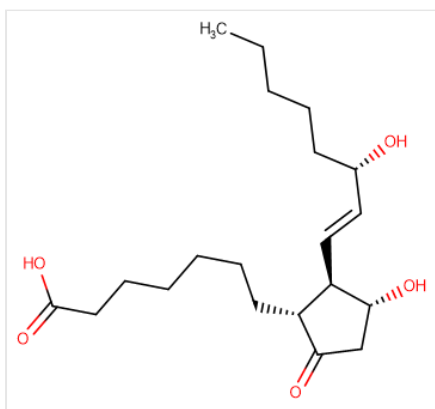
PRODUCT SYNONYMS

Alprostadil; PGE1; Alprostadil biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Suitability	Ethanol: 71mg/mL (200.29mM) DMSO: 71mg/mL (200.29mM)
Target	Prostaglandin Receptor
Receptor	PGE
Chemical Name	7-((1R, 2R, 3R)-3-hydroxy-2-((S, E)-3-hydroxyoct-1-en-1-yl)-5-oxocyclopentyl)heptanoic acid
SMILES	<chem>O=C(O)CCCC[C@@H]1[C@@H](/C=C/[C@@H](O)CCCC)[C@H](O)CC1=O</chem>
Molecular Formula	C20H34O5
CAS Number	745-65-3
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Alprostadil biochemical	Prostaglandin E1 (Alprostadil) is a prostaglandin, which is used in the treatment of erectile dysfunction and has vasodilatory properties.
Product Categories/Family for Alprostadil biochemical	GPCR/G Protein; Metabolic Disease

References

1.Dijkstra BG, et al. Invest Ophthalmol Vis Sci. 1999 Oct; 40 (11):2622-6.

NCBI AND UNIPROT INFORMATION

Molecular Weight

354.48

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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/alprostadiil/201935>