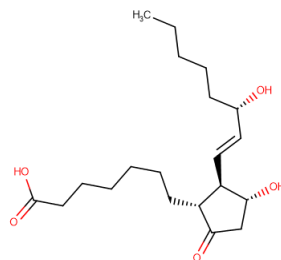


Product Name	: Alprostadil
Synonyms	: Alprostadil; PGE1
Cat No.	: M15843
CAS Number	: 745-65-3
Molecular Formula	: C ₂₀ H ₃₄ O ₅
Formula Weight	: 354.48
Chemical Name	: 7-((1R,2R,3R)-3-hydroxy-2-((S,E)-3-hydroxyoct-1-en-1-yl)-5-oxocyclopentyl)heptanoic acid
Description	: Prostaglandin E1 (Alprostadil) is a prostaglandin, which is used in the treatment of erectile dysfunction and has vasodilatory properties.
Pathway	: GPCR/G Protein
Target	: Prostaglandin Receptor
Receptor	: PGE
Solubility	: Ethanol: 71 mg/mL (200.29 mM); DMSO: 71 mg/mL (200.29 mM)
SMILES	: <chem>O=C(O)CCCC[C@@H]1[C@@H](/C=C/[C@@H](O)CCCC)[C@H](O)CC1=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



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