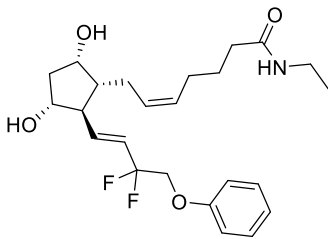




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
582048	Tafipostamide	T22Z10C03

Chemical name	
(Z)-7-(((1R,2R,3R,5S)-2-((E)-3,3-difluoro-4-phenoxybut-1-en-1-yl)-3,5-dihydroxycyclopentyl)-N-ethylhept-5-enamide	
Synonyms	
Tafipostamide; Dechloro; Dehydroxy; Difluoro; Ethylcloprostamolamide; Tafiprost ethyl amide	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 582048 Name: Tafipostamide CAS#: 1185851-52-8 Lot #: T22Z10C03 Chemical Formula: C ₂₄ H ₃₃ F ₂ NO ₄ Exact Mass: 437.24 Molecular Weight: 437.53

Analysis item	Specifications / Results
Appearance	A solution in ethanol (10mg/ml)
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE