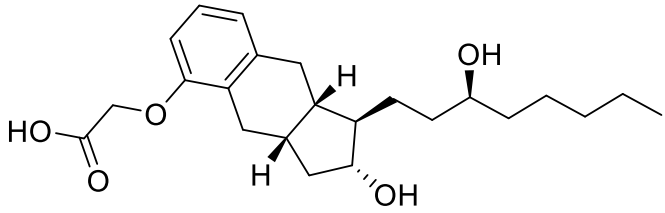




Certificate of Analysis

MedKoo Cat#: 318899	Product Name: Trepstinil free acid	Lot#: C20R10B14
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Chemical name	
2-(((1R,2R,3aS,9aS)-2-hydroxy-1-((S)-3-hydroxyoctyl)-2,3,3a,4,9,9a-hexahydro-1H-cyclopenta[b]naphthalen-5-yl)oxy)acetic acid	
Synonyms	
UT-15; UT 15; UT15; LRX 15; LRX-15; LRX15; BW 15AU; U-62840; Uniprost; Trepstinil; Orenitram; Remodulin	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 318899 Name: Trepstinil free acid CAS#: 81846-19-7 (free acid) Lot#: C20R10B14 Chemical Formula: C ₂₃ H ₃₄ O ₅ Exact Mass: 390.2406 Molecular Weight: 390.52

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
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%
Solubility	Soluble in DMSO
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 5 years if properly stored.

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