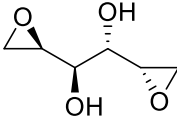




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205920	VAL-083	S9S12C02

Chemical name	
(1R,2S)-1-((R)-oxiran-2-yl)-2-((S)-oxiran-2-yl)ethane-1,2-diol	
Synonyms	
VAL083; VAL083; VAL083; Dianhydrolucitol; Dianhydrogalactitol; Dulcitol Diepoxide	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205920 Name: VAL-083 CAS#: 23261-20-3 Lot#: S9S12C02 Chemical Formula: C ₆ H ₁₀ O ₄ Exact Mass: 146.05791 Molecular Weight: 146.14

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