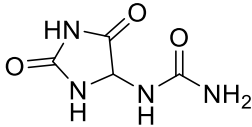




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
328104	Allantoin	T20C01I31

Chemical name	
1-(2,5-dioxoimidazolidin-4-yl)urea	
Synonyms	
(±)-Allantoin; 1-(2,5-Dioxoimidazolidin-4-yl)urea; 5-Ureidohydantoin; Allantion; Allantol; Cordianine; DL-Allantoin; Glyoxyldiureid; Glyoxyldiureide; Glyoxylic diureide; NSC 7606; Psoralon; SD 101; Sebical; Septalan	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 328104 Name: Allantoin CAS#: 97-59-6 (racemic) Lot#: T20C01I31 Chemical Formula: C ₄ H ₆ N ₄ O ₃ Exact Mass: 158.044 Molecular Weight: 158.117

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)	>98.0%
Solubility	Soluble in DMSO, water
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