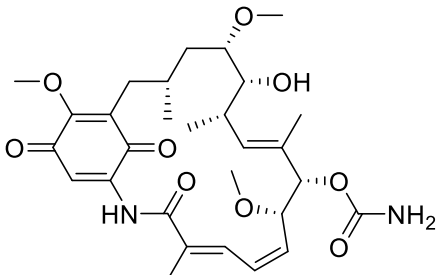




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205922	Geldanamycin	A20T10K11

Chemical name	
(4E,6Z,8S,9S,10E,12S,13R,14S,16R)-13-hydroxy-8,14,19-trimethoxy-4,10,12,16-tetramethyl-3,20,22-trioxo-2-azabicyclo[16.3.1]docosa-1(21),4,6,10,18-pentaen-9-yl carbamate	
Synonyms	
NSC 122750; NSC-122750; NSC122750; U 29135; U-29135; U29135. Geldanamycin.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205922 Name: Geldanamycin CAS#: 30562-34-6 Lot#: A20T10K11 Chemical Formula: C ₂₉ H ₄₀ N ₂ O ₉ Exact Mass: 560.27338 Molecular Weight: 560.64

Analysis item	Specifications / Results
Appearance	Light yellow to orange 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