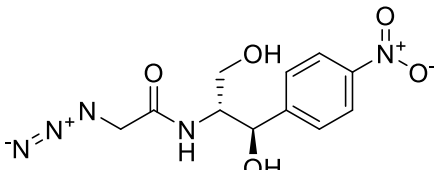


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
584462	Azidamfenicol	T21D10P16

Chemical name	
2-azido-N-[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]-acetamide	
Synonyms	
Bay f 4797; Bayer 52910; Leukomycin N; (-)-Azidamphenicol; Azidamfenicol; Azidamphenicol; Azidoamphenicol	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 584462 Name: Azidamfenicol CAS#: 13838-08-9 Lot#: T21D10P16 Chemical Formula: C ₁₁ H ₁₃ N ₅ O ₅ Exact Mass: 295.0917 Molecular Weight: 295.26

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
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