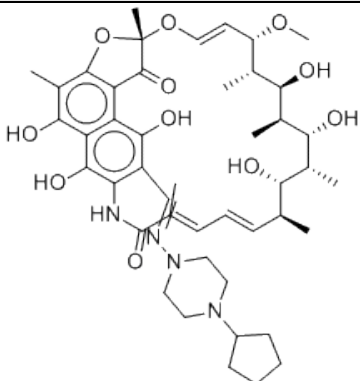




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
596482	25-Desacetylrifapentine	T9R08C09

Chemical name	
Rifamycin, 3-(((4-cyclopentyl-1-piperazinyl)imino)methyl)-25-O-deacetyl-	
Synonyms	
25-Desacetylrifapentine; L-14583; L 14583; L14583	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 596482 Name: 25-Desacetylrifapentine CAS#: 79039-56-8 Lot#: T9R08C09 Chemical Formula: C ₄₅ H ₆₂ N ₄ O ₁₁ Exact Mass: 834.4415 Molecular Weight: 835.00

Analysis item	Specifications / Results
Appearance	Very dark orange 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)	>95.8%
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