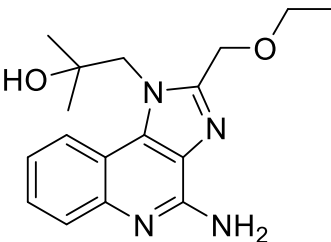




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205867	Resiquimod	C9R12B24

Chemical name	
1-(4-amino-2-(ethoxymethyl)-1H-imidazo[4,5-c]quinolin-1-yl)-2-methylpropan-2-ol.	
Synonyms	
R-848; R 848; R848; S 28463; S-28463; S28463; VML-600; VML600; VML 600; Resiquimod	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205867 Name: Resiquimod CAS#: 144875-48-9 Lot#: C9R12B24 Chemical Formula: C ₁₇ H ₂₂ N ₄ O ₂ Exact Mass: 314.17428 Molecular Weight: 314.38

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