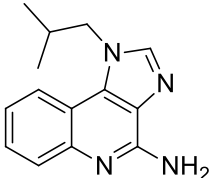




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100472	Imiquimod	YYP31104

Chemical name	
1-isobutyl-1H-imidazo[4,5-c]quinolin-4-amine	
Synonyms	
S-26308; S 26308 ; S26308; R-837; R837; R 837; Imiquimod, Brand name: Aldara; Zyclara; Vyloma	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 100472 Name: Imiquimod CAS#: 99011-02-6 Lot#: YYP31104 Chemical Formula: C ₁₄ H ₁₆ N ₄ Exact Mass: 240.13750 Molecular Weight: 240.30

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 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE