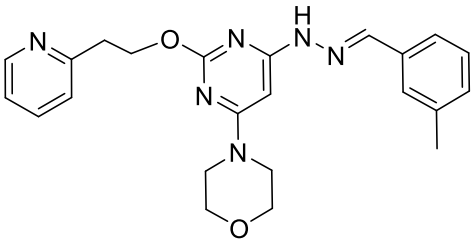




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
326647	Apilimod free base	A20T12K19

Chemical name	
(E)-4-(6-(2-(3-methylbenzylidene)hydrazinyl)-2-(2-(pyridin-2-yl)ethoxy)pyrimidin-4-yl)morpholin	
Synonyms	
STA-5326; STA5326; STA 5326; Apilimod free base.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 326647 Name: Apilimod free base CAS#: 541550-19-0 (free base) Lot#: A20T12K19 Chemical Formula: C ₂₃ H ₂₆ N ₆ O ₂ Exact Mass: 418.2117 Molecular Weight: 418.50

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