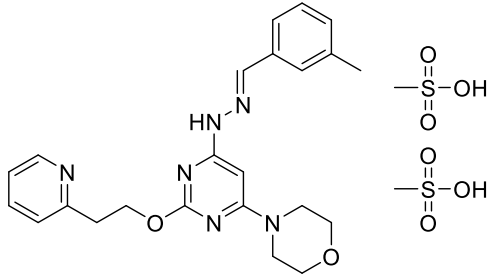




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407105	Apilimod mesylate	T20D04P21

Chemical name	
(E)-4-(6-(2-(3-methylbenzylidene)hydrazinyl)-2-(2-(pyridin-2-yl)ethoxy)pyrimidin-4-yl)morpholine dimethanesulfonate	
Synonyms	
STA-5326; STA5326; STA 5326; LAM-002; LAM 002; LAM002; Apilimod; Apilimod mesylate.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407105 Name: Apilimod mesylate CAS#: 870087-36-8 (mesylate) Lot#: T20D04P21 Chemical Formula: C ₂₅ H ₃₄ N ₆ O ₈ S ₂ Molecular Weight: 610.70

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