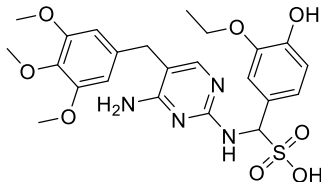




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
577816	Vanepirim	Y23X03M11

Chemical name	
(±)-alpha-(4-Amino-5-(3,4,5-trimethoxybenzyl)-2-pyrimidinylamino)-3-ethoxy-4-hydroxy-alpha-toluenesulfonsaeure	
Synonyms	
Vanepirim	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 577816 Name: Vanepirim CAS#: 81523-49-1 Lot#: Y23X03M11 Chemical Formula: C ₂₃ H ₂₈ N ₄ O ₈ S Exact Mass: 520.1628 Molecular Weight: 520.56

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%
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 3 years if properly stored.

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