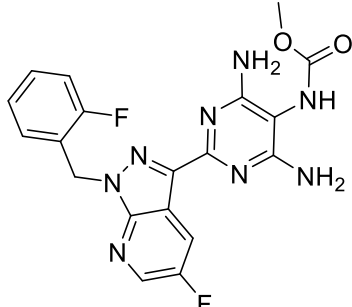




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319687	Vericiguat	T21D04P06

Chemical name	
methyl (4,6-diamino-2-(5-fluoro-1-(2-fluorobenzyl)-1H-pyrazolo[3,4-b]pyridin-3-yl)pyrimidin-5-yl)carbamate	
Synonyms	
BAY1021189; BAY 1021189; BAY-1021189; BAY10-21189; BAY-10-21189; BAY 10-21189; Vericiguat.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319687 Name: Vericiguat CAS#: 1350653-20-1 Lot#: T21D04P06 Chemical Formula: C ₁₉ H ₁₆ F ₂ N ₈ O ₂ Exact Mass: 426.1364 Molecular Weight: 426.39

Analysis item	Specifications / Results
Appearance	Light beige 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 3 years if properly stored.

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