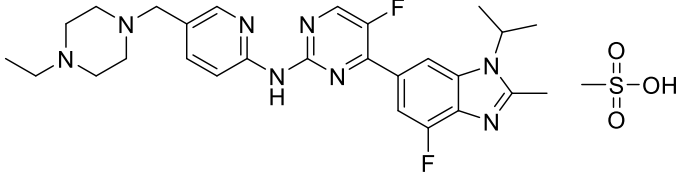




Certificate of Analysis

MedKoo Cat#: 206973	Product Name: Abemaciclib mesylate	Lot#: C9R02B19
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Chemical name	
N-(5-((4-ethylpiperazin-1-yl)methyl)pyridin-2-yl)-5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-amine mesylate	
Synonyms	
Abemaciclib mesylate; LY2835219; LY2835219; LY 2835219; Abemaciclib.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206973 Name: Abemaciclib mesylate CAS#: 1231930-82-7 (mesylate) Lot# C9R02B19 Chemical Formula: C ₂₈ H ₃₆ F ₂ N ₈ O ₃ S Exact Mass: 602.2599 Molecular Weight: 602.71

Analysis item	Specifications / Results
Appearance	Light yellow 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