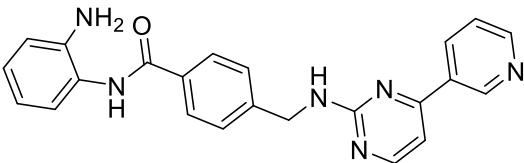




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201933	Mocetinostat (MGCD-0103)	BBC60817

Chemical name	
N-(2-aminophenyl)-4-[(4-pyridin-3-ylpyrimidin-2-ylamino)methyl]benzamide	
Synonyms	
MGCD0103 ; MGCD 0103; MGCD-0103; Mocetinostat	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 201933 Name: Mocetinostat (MGCD-0103) CAS#: 726169-73-9 (free base) Chemical Formula: C ₂₃ H ₂₀ N ₆ O Exact Mass: 396.16986 Molecular Weight: 396.44

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 (~20 mg/ml)
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