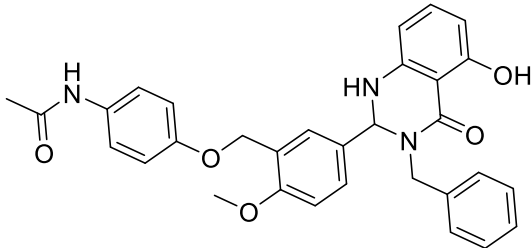




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
555782	ML109	T21D06P19

Chemical name	
N-(4-((5-(3-benzyl-5-hydroxy-4-oxo-1,2,3,4-tetrahydroquinazolin-2-yl)-2-methoxybenzyl)oxy)phenyl)acetamide	
Synonyms	
ML-109; ML 109; ML109; CID-25246343; CID 25246343; CID25246343	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 555782 Name: ML109 CAS#: 1186649-91-1 Lot#: T21D06P19 Chemical Formula: C ₃₁ H ₂₉ N ₃ O ₅ Exact Mass: 523.2107 Molecular Weight: 523.59

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%
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