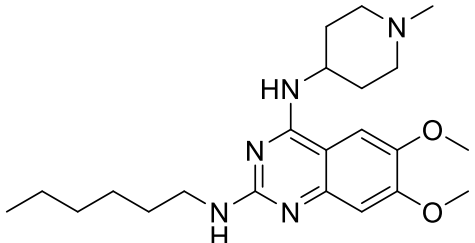




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
530508	MS012	S21G11M07

Chemical name	
N2-hexyl-6,7-dimethoxy-N4-(1-methylpiperidin-4-yl)quinazoline-2,4-diamine	
Synonyms	
MS012; MS-012; MS 012	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 530508 Name: MS012 CAS#: 2089617-83-2 (free base) Lot#: S21G11M07 Chemical Formula: C ₂₂ H ₃₅ N ₅ O ₂ Exact Mass: 401.2791 Molecular Weight: 401.56

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%
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