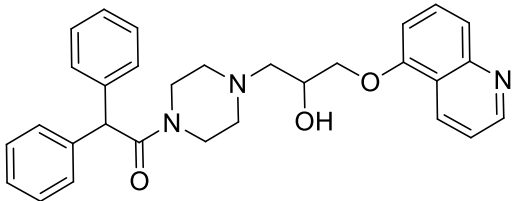




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201065	Dofequidar	KB31023

Chemical name	
1-(4-(2-hydroxy-3-(quinolin-5-yloxy)propyl)piperazin-1-yl)-2,2-diphenylethanone	
Synonyms	
MS-209, MS209, MS 209, Dofequidar	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 201065 Name: Dofequidar CAS#: 129716-58-1 Lot#: KB31023 Chemical Formula: C ₃₀ H ₃₁ N ₃ O ₃ Exact Mass: 481.23654 Molecular Weight: 481.59

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 5 years if properly stored.

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