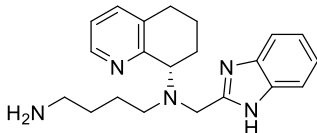




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
471045	Mavorixafor free base	A23T03K07

Chemical name	
(S)-N1-((1H-benzo[d]imidazol-2-yl)methyl)-N1-(5,6,7,8-tetrahydroquinolin-8-yl)butane-1,4-diamine	
Synonyms	
AMD11070, AMD 11070, AMD-11070, AMD070, AMD 070, AMD-070, X4P-001, X49001, X4P 001, Mavorixafor	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 471045 Name: Mavorixafor free base CAS#: 558447-26-0 (free base) Lot#: A23T03K07 Chemical Formula: C ₂₁ H ₂₇ N ₅ Exact Mass: 349.2266 Molecular Weight: 349.48

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%
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