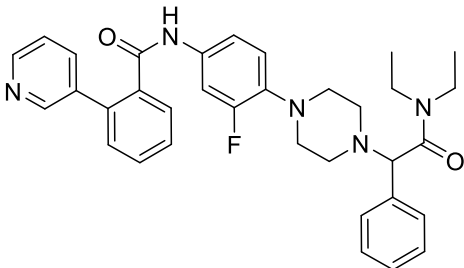


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
510336	JNJ-31020028	CRB50810

Chemical name	
N-(4-(4-(2-(diethylamino)-2-oxo-1-phenylethyl)piperazin-1-yl)-3-fluorophenyl)-2-(pyridin-3-yl)benzamide	
Synonyms	
JNJ-31020028; JNJ 31020028; JNJ31020028.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 510336 Name: JNJ-31020028 CAS#: 1094873-14-9 Lot#: CRB50810 Chemical Formula: C ₃₄ H ₃₆ FN ₅ O ₂ Exact Mass: 565.28530 Molecular Weight: 565.60

Analysis item	Specifications / Results
Appearance	Light yellow to yellow 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
Self life	At least 5 years if properly stored.

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