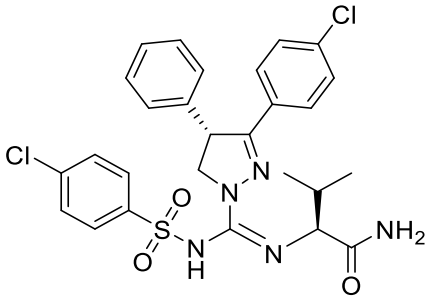




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
530481	JD5037	YXM210413

Chemical name	
(S)-2-(((E)-((S)-3-(4-chlorophenyl)-4-phenyl-4,5-dihydro-1H-pyrazol-1-yl))((4-chlorophenyl)sulfonamido)methylene)amino)-3-methylbutanamide	
Synonyms	
JD5037; JD-5037; JD 5037	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 530481 Name: JD5037 CAS#: 1392116-14-1 Lot#: YXM210413 Chemical Formula: C ₂₇ H ₂₇ Cl ₂ N ₅ O ₃ S Exact Mass: 571.1212 Molecular Weight: 572.51

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