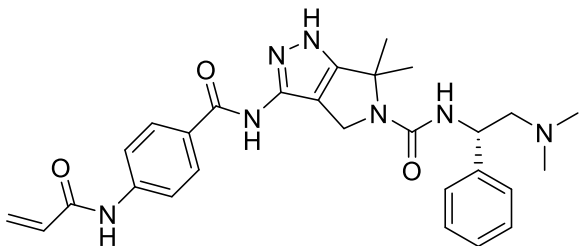




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
558735	YKL-5-124	T21D10P19

Chemical name	
(S)-3-(4-Acrylamidobenzamido)-N-(2-(dimethylamino)-1-phenylethyl)-6,6-dimethyl-4,6-dihydropyrrolo[3,4-c]pyrazole-5(1H)-carboxamide	
Synonyms	
YKL5-124; YKL-5124; YKL 5-124; YKL-5 124; YKL-5-124	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 558735 Name: YKL-5-124 CAS#: 1957203-01-8 (free base) Lot#: T21D10P19 Chemical Formula: C ₂₈ H ₃₃ N ₇ O ₃ Exact Mass: 515.2645 Molecular Weight: 515.62

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 3 years if properly stored.

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