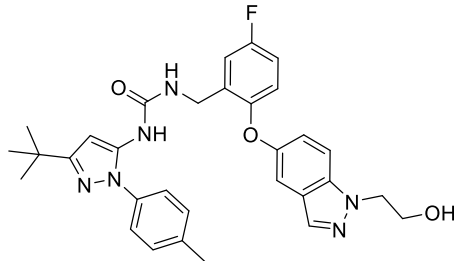




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200294	Pexmetinib	T20D12P08

Chemical name	
1-(3-(tert-butyl)-1-(p-tolyl)-1H-pyrazol-5-yl)-3-(5-fluoro-2-((1-(2-hydroxyethyl)-1H-indazol-5-yl)oxy)benzyl)urea	
Synonyms	
ARRY614; ARRY-614; ARRY 614; Pexmetinib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 200294 Name: Pexmetinib CAS#: 945614-12-0 Lot#: T20D12P08 Chemical Formula: C ₃₁ H ₃₃ FN ₆ O ₃ Exact Mass: 556.25982 Molecular Weight: 556.63

Analysis item	Specifications / Results
Appearance	Off-white to pale 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)	>99.0%
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