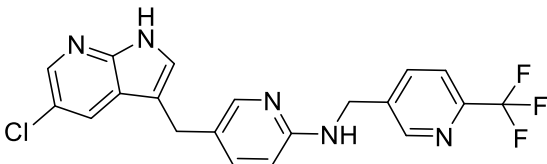




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206178	Pexidartinib (PLX3397)	T20D12P30

Chemical name	
5-((5-chloro-1H-pyrrolo[2,3-b]pyridin-3-yl)methyl)-N-((6-(trifluoromethyl)pyridin-3-yl)methyl)pyridin-2-amine	
Synonyms	
PLX3397; PLX-3397; PLX 3397; Pexidartinib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206178 Name: Pexidartinib (PLX3397) CAS#: 1029044-16-3 (free base) Lot#: T20D12P30 Chemical Formula: C ₂₀ H ₁₅ ClF ₃ N ₅ Exact Mass: 417.09681 Molecular Weight: 417.81

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%
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