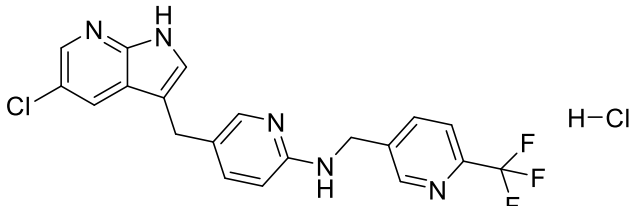




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 207104 | Pexidartinib HCl | C9R09B09 |

| | |
|---|--|
| Chemical name | |
| 5-((5-chloro-1H-pyrrolo[2,3-b]pyridin-3-yl)methyl)-N-((6-(trifluoromethyl)pyridin-3-yl)methyl)pyridin-2-amine hydrochloride | |
| Synonyms | |
| PLX3397; PLX-3397; PLX 3397; Pexidartinib; Pexidartinib HCl; Pexidartinib hydrochloride | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 207104 Name: Pexidartinib HCl CAS#: 2040295-03-0 (HCl) Lot#: C9R09B09 Chemical Formula: C ₂₀ H ₁₆ Cl ₂ F ₃ N ₅ Molecular Weight: 454.28 |

| 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