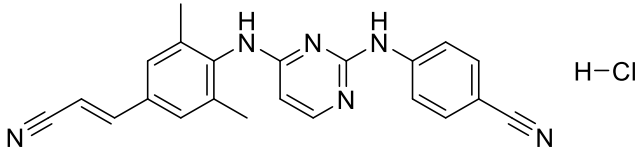




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
329466	Rilpivirine HCl	C9R11B06

Chemical name	
(E)-4-((4-((4-(2-cyanovinyl)-2,6-dimethylphenyl)amino)pyrimidin-2-yl)amino)benzonitrile hydrochloride	
Synonyms	
Rilpivirine; Rilpivirine hydrochloride; TMC278; TMC-278; TMC 278. trade name Edurant	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 329466 Name: Rilpivirine HCl CAS#: 700361-47-3 (HCl) Lot#: C9R11B06 Chemical Formula: C <sub>22</sub> H <sub>19</sub> ClN <sub>6</sub> Molecular Weight: 402.89

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	<sup>1</sup> 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**