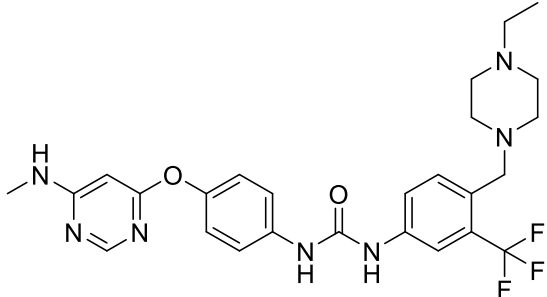




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
406211	AST487	A9T12K30

Chemical name	
1-(4-((4-ethylpiperazin-1-yl)methyl)-3-(trifluoromethyl)phenyl)-3-(4-((6-(methylamino)pyrimidin-4-yl)oxy)phenyl)urea	
Synonyms	
NVPAST487; AST 487; AST487; AST-487	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406211 Name: AST487 CAS#: 630124-46-8 Lot#: A9T12K30 Chemical Formula: C <sub>26</sub> H <sub>30</sub> F <sub>3</sub> N <sub>7</sub> O <sub>2</sub> Exact Mass: 529.24131 Molecular Weight: 529.56

Analysis item	Specifications / Results
<b>Appearance</b>	White to beige solid powder
<b>Structure</b>	<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.
<b>Purity (HPLC)</b>	>99.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

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