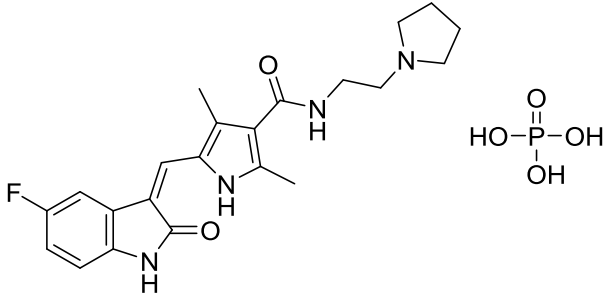




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
205738	Toceranib phosphate	T7K08C24

<b>Chemical name</b>	
(Z)-5-((5-fluoro-2-oxoindolin-3-ylidene)methyl)-2,4-dimethyl-N-(2-(pyrrolidin-1-yl)ethyl)-1H-pyrrole-3-carboxamide phosphate	
<b>Synonyms</b>	
PHA-291639; PHA291639; PHA 291639; SU-11654; SU 11654; SU11654; Toceranib; Toceranib phosphate; Brand name: Palladia	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 205738 Name: Toceranib phosphate CAS#: 874819-74-6 (phosphate) Lot#: T7K08C24 Chemical Formula: C <sub>22</sub> H <sub>28</sub> FN <sub>4</sub> O <sub>6</sub> P Molecular Weight: 494.46

Analysis item	Specifications / Results
<b>Appearance</b>	Orange 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>	>98.0%
<b>Solubility</b>	Soluble in DMSO and H <sub>2</sub> O
<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**