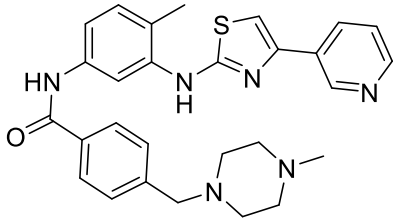




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
201804	Masitinib	Lot#T7K08C18

<b>Chemical name</b>	
4-[(4-methylpiperazin-1-yl)methyl]-N-(4-methyl-3-[[4-(pyridin-3-yl)-1,3-thiazol-2-yl]amino}phenyl)benzamide	
<b>Synonyms</b>	
AB-1010; AB 1010; AB1010; Masitinib. Brand name: Kinavet; Masivet.	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 201804 Name: Masitinib CAS#: 790299-79-5 Lot#: T7K08C18 Chemical Formula: C <sub>28</sub> H <sub>30</sub> N <sub>6</sub> OS Exact Mass: 498.22018 Molecular Weight: 498.64

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	Off-white to pale yellow 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**