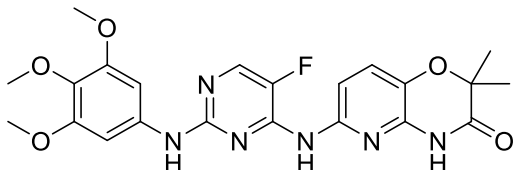


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205926	Tamatinib free base	C20R11B18

Chemical name	
6-((5-fluoro-2-((3,4,5-trimethoxyphenyl)amino)pyrimidin-4-yl)amino)-2,2-dimethyl-2H-pyrido[3,2-b][1,4]oxazin-3(4H)-one	
Synonyms	
R 406, R406, R406, Tamatinib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205926 Name: Tamatinib free base CAS#: 841290-80-0 (free base) Lot#: C20R11B18 Chemical Formula: C ₂₂ H ₂₃ FN ₆ O ₅ Exact Mass: 470.1714 Molecular Weight: 470.45

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%
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