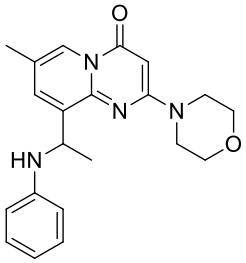
MedKoo Biosciences

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot
202895	TGX-221	SSC30529

Chemical name	
7-methyl-2-morpholino-9-(1-(phenylamino)ethyl)-4H-pyrido[1,2-a]pyrimidin-4-one	
Synonyms	
TGX-221; TGX 221; TGX221	
Chemical structure	**CAS# and Theoretical analysis**
	MedKoo Code#: 202895 Name: TGX-221 CAS#: 663619-89-4 Lot#: SSC30529 Chemical Formula: $C_{21}H_{24}N_4O_2$ Exact Mass: 364.18993 Molecular Weight: 364.44

Analysis item	Specifications / Results
Appearance	Off-white to pale yellow 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)	>99.0%
Solubility	Soluble in DMSO at 10mg / mL.
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
Self life	At least 5 years if properly stored.

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

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