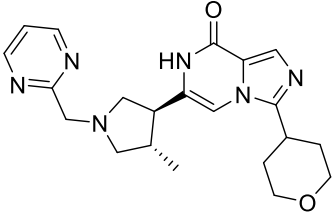




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
585441	Tovinontrine	S23S08C30

Chemical name	
6-{{(3S,4S)-4-methyl-1-[(pyrimidin-2-yl)methyl]pyrrolidin-3-yl}}-3-(oxan-4-yl)imidazo[1,5-a]pyrazin-8(7H)-one	
Synonyms	
IMR-687; IMR 687; IMR687	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 585441 Name: Tovinsontrine CAS#: 2062661-53-2 Lot#: S23S08C30 Chemical Formula: C ₂₁ H ₂₆ N ₆ O ₂ Exact Mass: 394.2117 Molecular Weight: 394.48

Analysis item	Specifications / Results
Appearance	Off-white to light-yellow solid
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)	>98.0%
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 3 years if properly stored.

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