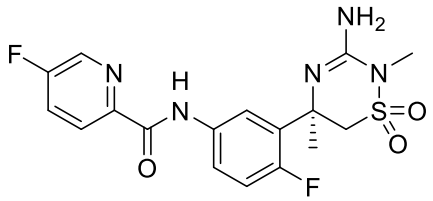
MedKoo Biosciences

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
330124	Verubecestat free base	A9T11K11

Chemical name	
(R)-N-(3-(3-amino-2,5-dimethyl-1,1-dioxido-5,6-dihydro-2H-1,2,4-thiadiazin-5-yl)-4-fluorophenyl)-5-fluoropicolinamide	
Synonyms	
MK-8931; MK 8931; MK8931; MK-8931-009; SCH 900931; SCH-900931; SCH900931; Verubecestat free base.	
Chemical structure	**CAS# and Theoretical analysis**
	MedKoo Cat#: 330124 Name: Verubecestat free base CAS#: 1286770-55-5 (free base) Lot#: A9T11K11 Chemical Formula: $C_{17}H_{17}F_2N_5O_3S$ Exact Mass: 409.102 Molecular Weight: 409.41

Analysis item	Specifications / Results
Appearance	Light 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.
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

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