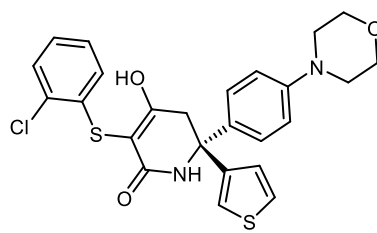


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407877	R-GNE-140	A20T09K03

Chemical name	
(R)-3-((2-Chlorophenyl)thio)-4-hydroxy-6-(4-morpholinophenyl)-6-(thiophen-3-yl)-5,6-dihydropyridin-2(1H)-one	
Synonyms	
R-GNE-140; (R)-GNE-140; GNE 140; GNE140	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407877 Name: R-GNE-140 CAS#: 2003234-63-5 (R-isomer) Lot#: A20T09K03 Chemical Formula: C ₂₅ H ₂₃ ClN ₂ O ₃ S ₂ Exact Mass: 498.0839 Molecular Weight: 499.04

Analysis item	Specifications / Results
Appearance	Light brown 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)	>98.0%
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