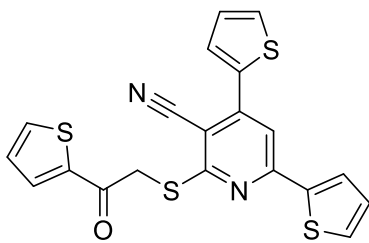




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
525344	RCM-1	AOB80925

Chemical name	
2- {[2-Oxo-2-(thiophen-2-yl)ethyl]sulfanyl} -4,6-di(thiophen-2-yl)pyridine-3- carbonitrile	
Synonyms	
RCM-1; RCM1; RCM 1	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 525344 Name: RCM-1 CAS#: 339163-65-4 Lot#: AOB80925 Chemical Formula: C ₂₀ H ₁₂ N ₂ OS ₄ Exact Mass: 423.9832 Molecular Weight: 424.57

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)	>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