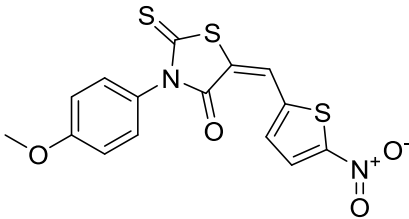




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407472	CCF-642	C7R08C24

Chemical name	
3-(4-Methoxyphenyl)-5-[(5-nitro-2-thienyl)methylene]-2-thioxo-4-thiazolidinone	
Synonyms	
CCF-642; CCF 642; CCF642	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407472 Name: CCF-642 CAS#: 346640-08-2 Lot#: C7R08C24 Chemical Formula: C ₁₅ H ₁₀ N ₂ O ₄ S ₃ Exact Mass: 377.9803 Molecular Weight: 378.44

Analysis item	Specifications / Results
Appearance	Orange 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