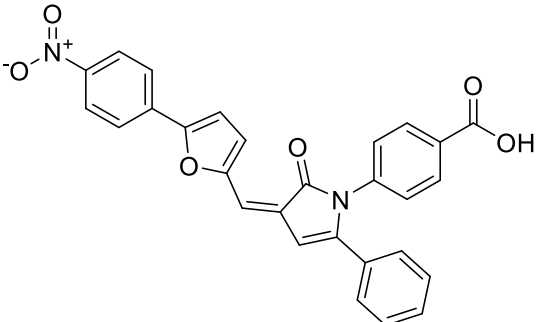




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
530395	4E1RCat	A9T03K04

Chemical name	
(Z)-4-(3-((5-(4-nitrophenyl)furan-2-yl)methylene)-2-oxo-5-phenyl-2,3-dihydro-1H-pyrrol-1-yl)benzoic acid	
Synonyms	
4E1RCat; eIF4E/eIF4G Interaction Inhibitor II.	
Chemical structure	CAS# and Theoretical analysis
	Cat#: 530395 Name: 4E1RCat CAS#: 328998-25-0 Lot#: A9T03K04 Chemical Formula: C ₂₈ H ₁₈ N ₂ O ₆ Exact Mass: 478.1165 Molecular Weight: 478.46

Analysis item	Specifications / Results
Appearance	Dark red 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