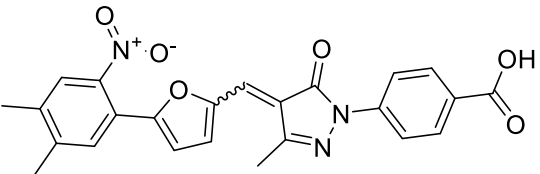




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407171	C646	BBC61010

Chemical name	
(E)-4-(4-((5-(4,5-dimethyl-2-nitrophenyl)furan-2-yl)methylene)-3-methyl-5-oxo-4,5-dihydro-1H-pyrazol-1-yl)benzoic acid	
Synonyms	
C646; C-646; C 646.	
Chemical structure	CAS# and Theoretical analysis
 <p>This molecule existed as a mixture of cis- and trans- isomers</p>	MedKoo Cat#: 407171 Name: C646 CAS#: 328968-36-1 Lot#: BBC61010 Chemical Formula: C ₂₄ H ₁₉ N ₃ O ₆ Exact Mass: 445.12739 Molecular Weight: 445.43

Analysis item	Specifications / Results
Appearance	Brown to off brown 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% (HPLC detects cis- and trans- isomers)
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