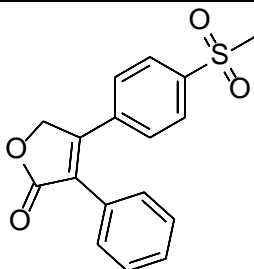


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314273	Rofecoxib	C22B06B02

Chemical name	
4-(4-(methylsulfonyl)phenyl)-3-phenylfuran-2(5H)-one	
Synonyms	
MK966; MK966; MK 966; MK0966; MK0966; MK 0966; Rofecoxib; Vioxx; Ceoxx; Ceeoxx	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314273 Name: Rofecoxib CAS#: 162011-90-7 Lot#: C22B06B02 Chemical Formula: C ₁₇ H ₁₄ O ₄ S Exact Mass: 314.06128 Molecular Weight: 314.36

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%
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