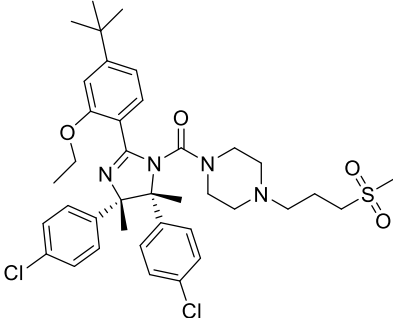




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
202421	RO5045337	A7K11K15

Chemical name	
((4S,5R)-2-(4-(tert-butyl)-2-ethoxyphenyl)-4,5-bis(4-chlorophenyl)-4,5-dimethyl-4,5-dihydro-1H-imidazol-1-yl)(4-(3-(methylsulfonyl)propyl)piperazin-1-yl)methanone	
Synonyms	
R7112 RG7112 RG 7112; RG7112; RO5045337; RO 5045337; RO5045337	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 202421 Name: RO5045337 Lot #: A7K11K15 CAS#: 939981-39-2 Chemical Formula: C ₃₈ H ₄₈ C ₁₂ N ₄ O ₄ S Exact Mass: 726.27733 Molecular Weight: 727.78

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)	>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