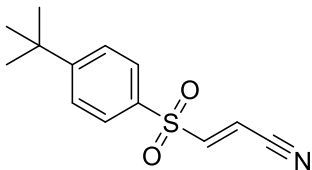




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
522393	BAY 11-7085	CRB61107

Chemical name	
(2E)-3-[[4-(1,1-Dimethylethyl)phenyl]sulfonyl]-2-propenenitrile	
Synonyms	
Bay 11-7085; Bay-11-7085; Bay11-7085; Bay 117085; Bay-117085; Bay117085.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 522393 Name: BAY 11-7085 CAS#: 196309-76-9 Lot#: CRB61107 Chemical Formula: C ₁₃ H ₁₅ NO ₂ S Exact Mass: 249.08235 Molecular Weight: 249.33

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%
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