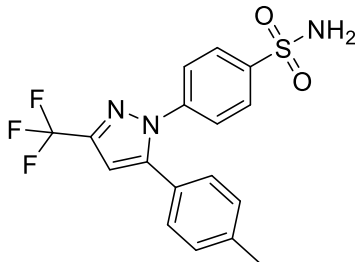




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200700	Celecoxib	C9B07B26

Chemical name	
4-[5-(4-methylphenyl)-3-(trifluoromethyl)pyrazol-1-yl]benzenesulfonamide	
Synonyms	
SC-58635; SC 58635; SC58635; YM-177; YM 177; YM177. Celecoxib; brand name Celebrex; Xilebao	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 200700 Name: Celecoxib CAS#: 169590-42-5 Lot#: C9B07B26 Chemical Formula: C ₁₇ H ₁₄ F ₃ N ₃ O ₂ S Exact Mass: 381.07588 Molecular Weight: 381.37

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