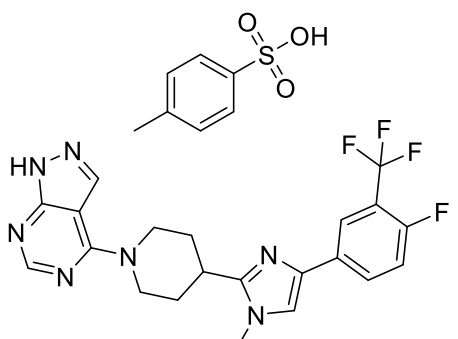


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205522	LY2584702 tosylate salt	CRB50921

Chemical name	
4-(4-(4-(4-fluoro-3-(trifluoromethyl)phenyl)-1-methyl-1H-imidazol-2-yl)piperidin-1-yl)-1H-pyrazolo[3,4-d]pyrimidine 4-methylbenzenesulfonate	
Synonyms	
LY-2584702; LY 2584702; LY2584702	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205522 Name: LY2584702 tosylate salt CAS#1082949-68-5 Lot#: CRB50921 Chemical Formula: C ₂₈ H ₂₇ F ₄ N ₇ O ₃ S Molecular Weight: 617.62 <i>LY2584702 free base</i> <i>Chemical Formula: C₂₁H₁₉F₄N₇</i> <i>Exact Mass: 445.16381;</i> <i>Molecular Weight: 445.42</i>

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