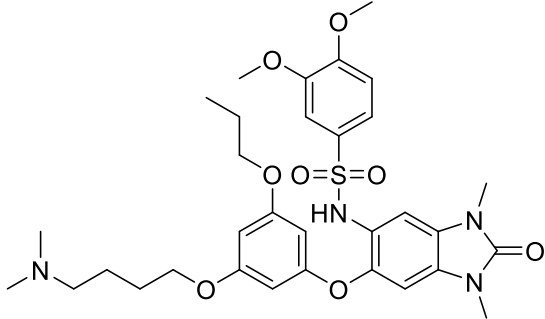




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407114	IACS-9571	YXM80226

Chemical name	
N-(6-(3-(4-(dimethylamino)butoxy)-5-propoxyphenoxy)-1,3-dimethyl-2-oxo-2,3-dihydro-1H-benzo[d]imidazol-5-yl)-3,4-dimethoxybenzenesulfonamide	
Synonyms	
IACS-9571; IACS 9571; IACS9571; IACS 009571-001-4	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407114 Name: IACS-9571 CAS#: 1800477-30-8 (free base) Lot#: YXM80226 Chemical Formula: C ₃₂ H ₄₂ N ₄ O ₈ S Exact Mass: 642.27234 Molecular Weight: 642.77

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