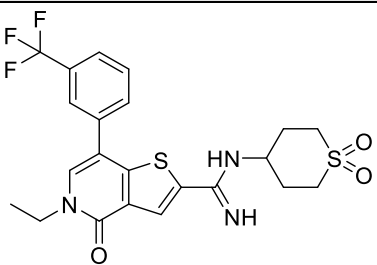


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407277	I-BRD9	A9T05K21

Chemical name	
5-ethyl-4,5-dihydro-4-oxo-N-(tetrahydro-1,1-dioxido-2H-thiopyran-4-yl)-7-[3-(trifluoromethyl)phenyl]-thieno[3,2-c]pyridine-2-carboximidamide	
Synonyms	
I-BRD9; I-BRD-9; I-BRD 9	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407277 Name: I-BRD9 CAS#: 1714146-59-4 Lot#: A9T05K21 Chemical Formula: C ₂₂ H ₂₂ F ₃ N ₃ O ₃ S ₂ Exact Mass: 497.1055 Molecular Weight: 497.55

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)	>99.9%
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