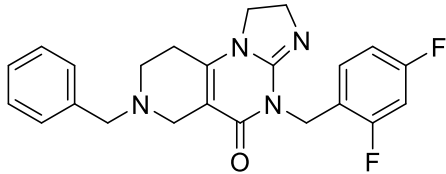




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206932	IUN78876	S21S01C15

Chemical name	
7-benzyl-4-(2,4-difluorobenzyl)-2,4,6,7,8,9-hexahydroimidazo[1,2-a]pyrido[3,4-e]pyrimidin-5(1H)-one	
Synonyms	
IUN78876; IUN-78876; IUN 78876;	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206932 Name: IUN78876 CAS#: 1638178-87-6 Lot#: S21S01C15 Chemical Formula: C ₂₃ H ₂₂ F ₂ N ₄ O Exact Mass: 408.176 Molecular Weight: 408.45

Analysis item	Specifications / Results
Appearance	Light yellow 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