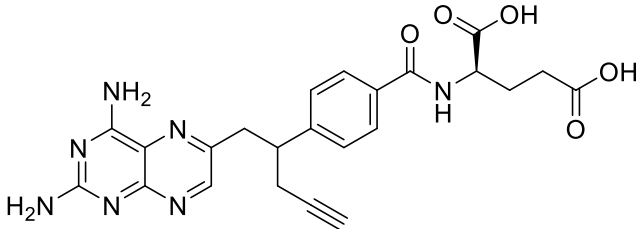




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206221	Pralatrexate	T8Z10C31

Chemical name	
N -(4-{ 1-[(2,4-diaminopteridin-6-yl)methyl]but-3-yn-1-yl}benzoyl)-L-glutamic acid	
Synonyms	
Pralatrexate; 10-Propargyl-10-dezaaminopterin; PDX; brand name: Folotyn	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206221 Name: Pralatrexate CAS#: 146464-95-1 Lot#: T8Z10C31 Chemical Formula: C ₂₃ H ₂₃ N ₇ O ₅ Exact Mass: 477.17607 Molecular Weight: 477.47

Analysis item	Specifications / Results
Appearance	Light yellow to 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)	>98.0%
Solubility	~3 mg/ml in DMSO; ~14 mg/ml in DMF
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