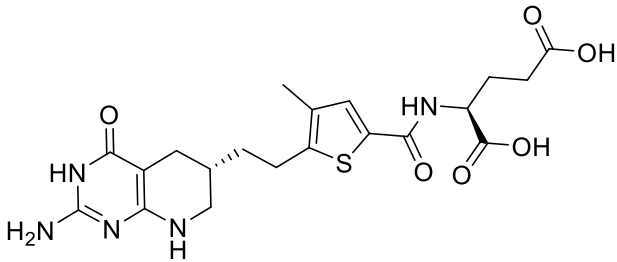




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
202200	Pelitrexol	YXM201130

Chemical name	
(S)-2-(5-(2-((S)-2-amino-4-oxo-3,4,5,6,7,8-hexahydropyrido[2,3-d]pyrimidin-6-yl)ethyl)-4-methylthiophene-2-carboxamido)pentanedioic acid	
Synonyms	
AG-2037; AG 2037; AG2037; Pelitrexol	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 202200 Name: Pelitrexol CAS#: 446022-33-9 Lot#: YXM201130 Chemical Formula: C ₂₀ H ₂₅ N ₅ O ₆ S Exact Mass: 463.15255 Molecular Weight: 463.51

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