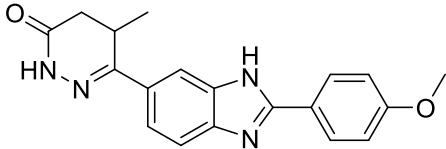




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319513	Pimobendan	CRB70424

Chemical name	
3-[2-(4-methoxyphenyl)-3H-benzimidazol-5-yl]-4-methyl-4,5-dihydro-1H-pyridazin-6-one	
Synonyms	
UD-CG115; UD CG115; UD-CG 115; UD-CG-115; Pimobendan; pimobendane. Trade name: Vetmedin and Acardi	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319513 Name: Pimobendan CAS#: 74150-27-9 Lot#: CRB70424 Chemical Formula: C ₁₉ H ₁₈ N ₄ O ₂ Exact Mass: 334.14298 Molecular Weight: 334.38

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-d ₆ .
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