

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100930	Vinorelbine tartrate	TZC50930

Chemical name			
methyl (3aR,3a1R,4R,5S,5aR,10bR)-4-acetoxy-3a-ethyl-9-((6R,8S)-4-ethyl-8-(methoxycarbonyl)-			
1,3,6,7,8,9-hexahydro-2,6-methanoazecino[4,3-b]indol-8-yl)-5-hydroxy-8-methoxy-6-methyl-			
3a,3a1,4,5,5a,6,11,12-octahydro-1H-indolizino[8,1-cd]carbazole-5-carboxylate bis((2R,3R)-2,3-			
dihydroxysuccinate)			
Synonyms			
KW2307; KW-2307; KW 2307; 5'-nor-anhydrovinblastin; vinorelbine tartrate; US brand name:			
Navelbine. Foreign brand names: Biovelbin; Eunades.			
Chemical structure	CAS# and Theoretical analysis		
	MedKoo Cat#: 100930		
ОН О	Name: Vinorelbine tartrate		
	CAS#: 125317-39-7		
	Lot#TZC50930		
Н ОН ОН	Chemical Formula: C ₅₃ H ₆₆ N ₄ O ₂₀		
I ~ II I _ _N II // ` HO. ≿ ↓	Molecular Weight: 1079.10		
	Vinorelbine (freebase)		
	Chemical Formula: C45H54N4O8		
	Exact Mass: 778.39416, Molecular Weight: 778.93		

Analysis item	Specifications / Results	
Appearance	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)	>99.0%	
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	
Self life	At least 5 years if properly stored.	

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE