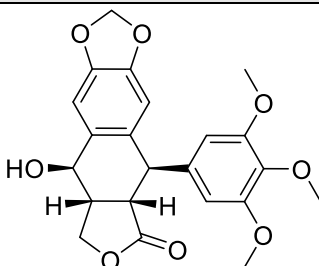


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
205812	Picropodophyllin	TZC50713

Chemical name	
(5R,5aS,8aR,9R)-9-hydroxy-5-(3,4,5-trimethoxyphenyl)-5,5a,8a,9-tetrahydrofuro[3',4':6,7]naphtho[2,3-d][1,3]dioxol-6(8H)-one	
Synonyms	
AXL1717; AX-L1717; AXL 1717; PPP; picropodophyllin; Picropodophyllotoxin.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205812 Name: Picropodophyllin CAS#: 477-47-4 Lot#: TZC50713 Chemical Formula: C ₂₂ H ₂₂ O ₈ Exact Mass: 414.13147 Molecular Weight: 414.41

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
Self life	At least 5 years if properly stored.

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