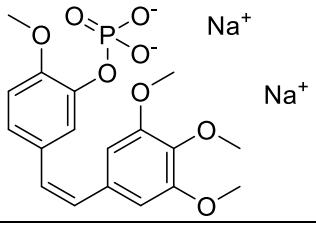
MedKoo Biosciences

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200800	Fosbretabulin disodium	BBC30630

Chemical name	
Disodium [2-methoxy-5-[(Z)-2-(3,4,5-trimethoxyphenyl)ethenyl]phenyl] phosphate	
Synonyms	
Combretastatin A4 phosphate disodium; CA4P; CA4DP; Combretastatin A4 phosphate; Fosbretabulin disodium; Zybrestat	
Chemical structure	**CAS# and Theoretical analysis**
	MedKoo Cat#: 200800 Name: Fosbretabulin disodium CAS#: 168555-66-6 (disodium) Lot#: BBC30630 Chemical Formula: $C_{18}H_{19}Na_2O_8P$ Molecular Weight: 440.29

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)	>99.0%
Solubility	Soluble in water
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 ^{o}C under dry condition Long term storage (months): -20 ^{o}C under dry condition
Shelf life	At least 5 years if properly stored.

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

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