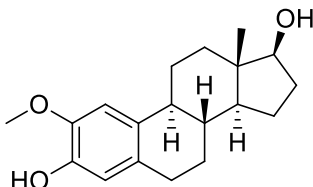




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201830	2-Methoxyestradiol	TZC50323

Chemical name	
(8R,9S,13S,14S,17S)-2-methoxy-13-methyl-7,8,9,11,12,13,14,15,16,17-decahydro-6H-cyclopenta[a]phenanthrene-3,17-diol	
Synonyms	
2-ME; 2-Methoxy Estradiol. US brand name: Panzem. Abbreviation: 2ME2. Chemical structure name: (17beta)-2-Methoxyestra-1,3,5(10)-triene-3,17-diol.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 201830 Name: 2-methoxyestradiol CAS#: 362-07-2 Lot#TZC50323 Chemical Formula: C <sub>19</sub> H <sub>26</sub> O <sub>3</sub> Exact Mass: 302.18819 Molecular Weight: 302.41

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	<sup>1</sup> 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
Shelf life	At least 5 years if properly stored.

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