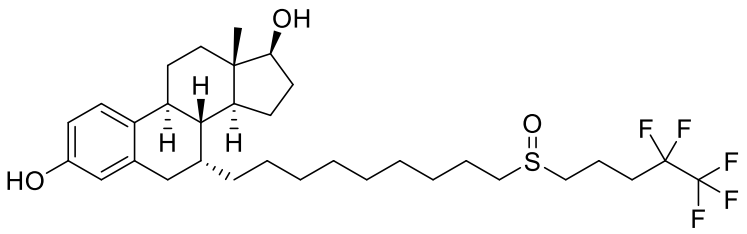


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
100390	Fulvestrant	TZC507132

Chemical name	
(7R,8R,9S,13S,14S,17S)-13-methyl-7-(9-((4,4,5,5,5-pentafluoropentyl)sulfinyl)nonyl)-7,8,9,11,12,13,14,15,16,17-decahydro-6H-cyclopenta[a]phenanthrene-3,17-diol	
Synonyms	
ZD9238; ZD-9238; ZD 9238; ICI 182,780; ICI-182,780; ICI182,780; ICI182780; ICI 182780; ICI-182780; ZM-182780; ZM 182780; ZM182780; Fulvestrant; US brand name: Faslodex.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100390 Name: Fulvestrant CAS#: 129453-61-8 Lot#: TZC507132 Chemical Formula: C ₃₂ H ₄₇ F ₅ O ₃ S Exact Mass: 606.31661 Molecular Weight: 606.77

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