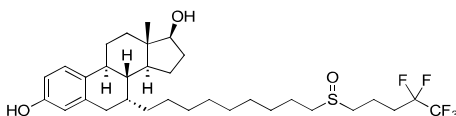




Certificate of Analysis

Axon Catalogue ID: 4275 **Batch Number:** 1
Product Name: Fulvestrant
Alternative Name(s): ICI 182780
IUPAC Name: (7R,8R,9S,13S,14S,17S)-13-Methyl-7-[9-(4,4,5,5,5-pentafluoropentylsulfinyl)nonyl]-6,7,8,9,11,12,14,15,16,17-decahydrocyclopenta[a]phenanthrene-3,17-diol

Structure:



Amount:

CAS number(s): 129453-61-8
Molecular Formula: C32H47F5O3S **Molecular Weight:** 606.77
Batch Molecular Formula: C32H47F5O3S **Batch Molecular Weight:** 606.77
Appearance: White solid **Observed mp:** 112 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): Optically pure
Optical Rotation (Det.): [α]_D = +45.5° with c = 1 in MeOH
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.34, H 7.81, N 0.00; Found: C 63.16, H 7.72, N <0.10
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	8.8	14.5	
	EtOH	9.6	15.8	

Remarks:

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only