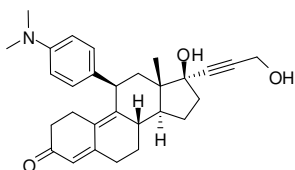




Certificate of Analysis

Axon Catalogue ID: 1558 **Batch Number:** 1
Product Name: RU 42698
Alternative Name(s): Mifepristone, Hydroxy-
IUPAC Name: Estra-4,9-dien-3-one, 11-[4-(dimethylamino)phenyl]-17-hydroxy-17-(3-hydroxy-1-propynyl)-, (11 β ,17 β)-

Structure:



Amount:

CAS number: 105012-15-5
Batch Molecular Formula: C₂₉H₃₅N₃O₃ **Batch MW:** 445.59
Appearance: Pale yellow solid **Observed mp:** 220.2 - 231.3 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.0%
Optical Purity (ee): Optically pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 78.17 , H 7.92 , N 3.14 Found: C ND , H ND , N ND
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	44.6	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 08-07-2010

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