



Certificate of Analysis

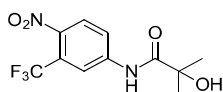
Axon Catalogue ID: 4328 **Batch Number:** 1

Product Name: Hydroxyflutamide

Alternative Name(s): N.A.

IUPAC Name: N-(4-Nitro-3-(trifluoromethyl)phenyl)-2-hydroxy-2-methylpropionamide

Structure:



Amount:

CAS number(s): 52806-53-8

Molecular Formula: C₁₁H₁₁F₃N₂O₄

Molecular Weight: 292.21

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Appearance: Pale-yellow solid

Observed mp: 149.5 - 152.5 °C

TLC (R_f): 0.78 DCM/MeOH (20:1)

Chemical Purity: 99.4%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 45.21, H 3.79, N 9.59; Found: C 44.95, H 3.91, N 9.26

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	29.2	>100 mM	
	EtOH	29.2	>100 mM	

Remarks: Contains 0.17 wt% of dioxane, determined by NMR.

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