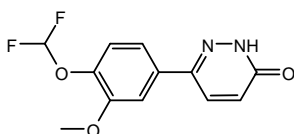




Certificate of Analysis

Axon Catalogue ID 1216 **Batch Number:** 2
Product Name: Zardaverine
IUPAC Name: 6-(4-(Difluoromethoxy)-3-methoxyphenyl)pyridazin-3(2H)-one

Structure:



Amount:

CAS number: 101975-10-4
Batch Molecular Formula: C₁₂H₁₀F₂N₂O₃ **Batch MW:** 268.22
Appearance: Off-white Solid **Observed m.p.:** 205-206°C
TLC (R_f): 0.34 Ethylacetate
Chemical Purity: 99.7% **Wavelength for purity check:** 254 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Not available
Storage Conditions: Store at <4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Insoluble
	1eq. NaOH			Not tested
	1eq. HCl			Not tested
	DMSO		> 100 mM	Soluble
	EtOH			Not tested

Remarks:

Quality controller: M. Brandsma, MSc. **Date:** 3-11-2010

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

Caution: Not fully tested. For research purposes only