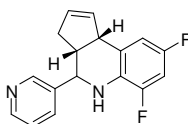




Certificate of Analysis

Axon Catalogue ID: 4197 **Batch Number:** 1
Product Name: Golgicide A
Alternative Name(s): GCA
IUPAC Name: rel-(3aR,9bS)-6,8-Difluoro-3a,4,5,9b-tetrahydro-4-(3-pyridinyl)-3H-cyclopenta[c]quinoline

Structure:



Amount:

CAS number(s): 1139889-93-2
Molecular Formula: C₁₇H₁₄F₂N₂ **Molecular Weight:** 284.30
Batch Molecular Formula: C₁₇H₁₄F₂N₂ **Batch Molecular Weight:** 284.30
Appearance: White solid **Observed mp:** 154.5 - 155.5 °C
TLC (R_f): 0.2 Hex/EtOAc (2:1)
Chemical Purity: 99.9%
Optical Purity (de): 96%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 71.82, H 4.96, N 9.85; Found: C 71.65, H 4.95, N 9.95
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)	8.5	29.9	
	DMSO	28.4	>100 mM	
	EtOH	13.6	47.8	

Remarks: Contains 2 mol% of the minor diastereomer, determined by NMR.

QC Date: 19-4-2024

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