



Certificate of Analysis

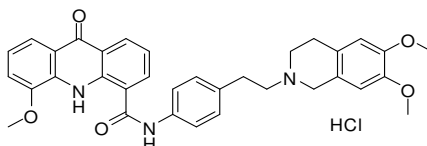
Axon Catalogue ID: 1896 **Batch Number:** 1

Product Name: Elacridar hydrochloride

Alternative Name(s): GF 120918A

IUPAC Name: N-(4-(2-(6,7-Dimethoxy-3,4-dihydroisoquinolin-2(1H)-yl)ethyl)phenyl)-5-methoxy-9-oxo-9,10-dihydroacridine-4-carboxamide hydrochloride

Structure:



Amount:

CAS number(s): 143664-11-3 (parent), 143851-98-3 (HCl (1:1))

Molecular Formula: C₃₄H₃₃N₃O₅.HCl **Molecular Weight:** 600.10

Batch Molecular Formula: C₃₄H₃₃N₃O₅.HCl **Batch Molecular Weight:** 600.10

Appearance: Yellow solid **Observed mp:** 262 - 263 °C

TLC (R_f): 0.55 DCM/MeOH (9:1)

Chemical Purity: 99.8%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 68.05, H 5.71, N 7.00; Found: C 67.66, H 5.65, N 7.06

Storage Conditions: Store 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	5.3	8.8	
	EtOH			Not Tested

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