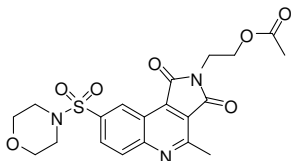




Certificate of Analysis

Axon Catalogue ID: 1375 **Batch Number:** 2
Product Name: Ivachtin
Alternative Name(s): N.A.
IUPAC Name: Acetic acid 2-[4-methyl-8-(morpholine-4-sulfonyl)-1,3-dioxo-1,3-dihydro-pyrrolo[3,4-c]quinolin-2-yl]-ethyl ester

Structure:



Amount:

CAS number: 745046-84-8
Batch Molecular Formula: C20H21N3O7S **Batch MW:** 447.46
Appearance: Light brown solid **Observed mp:** 219.6 - 221 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.69 , H 4.73 , N 9.39 Found: C 53.75 , H 4.73 , N 9.38
Storage Conditions: Store at +4 °C

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	5.6	12.5	
EtOH			Not Tested

Remarks:

QC Date: 22-06-2015

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