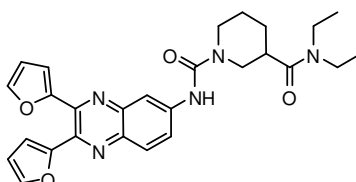




Certificate of Analysis

Axon Catalogue ID: 1166 **Batch Number:** 1
Product Name: DC 838
Alternative Name(s): N.A.
IUPAC Name: 2,3-Di(furan-2-yl)-6-(3-N,N-diethylcarbamoyl-piperidino)carbonylamino quinoxaline

Structure:



Amount:

CAS number(s): 508186-08-1
Molecular Formula: C₂₇H₂₉N₅O₄ **Molecular Weight:** 487.55
Batch Molecular Formula: C₂₇H₂₉N₅O₄ **Batch Molecular Weight:** 487.55
Appearance: Yellow solid **Observed mp:** 110 - 112 °C
TLC (R_f): 0.35 EtOAc
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.51, H 6.00, N 14.36; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	18.0	36.9	
	EtOH			Not Tested

Remarks:

QC Date: 27-07-2018

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