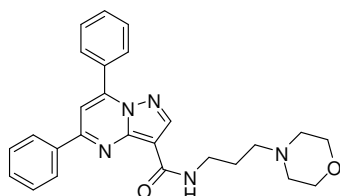




Certificate of Analysis

Axon Catalogue ID: 3222 **Batch Number:** 1
Product Name: Reversan
Alternative Name(s): CBLC4H10
IUPAC Name: N-(3-Morpholinopropyl)-5,7-diphenylpyrazolo[1,5-a]pyrimidine-3-carboxamide

Structure:



Amount:

CAS number(s): 313397-13-6
Molecular Formula: C₂₆H₂₇N₅O₂ **Molecular Weight:** 441.52
Batch Molecular Formula: C₂₆H₂₇N₅O₂ **Batch Molecular Weight:** 441.52
Appearance: Pale-yellow solid **Observed mp:** 176.2 - 178.6 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.73, H 6.16, N 15.86; Found: C 70.60, H 6.09, N 15.66
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	24.0	54.4	
	DMSO	5.1	11.6	
	EtOH			Not Tested

Remarks:

QC Date: 31-07-2020

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