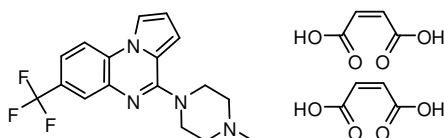




Certificate of Analysis

Axon Catalogue ID: 1206 **Batch Number:** 1
Product Name: CGS 12066B
Alternative Name(s): N.A.
IUPAC Name: 4-(4-Methyl-piperazin-1-yl)-7-trifluoromethyl-pyrrolo[1,2-a]quinoxaline dimaleate

Structure:



Amount:

CAS number(s): 109028-09-3 (parent), 109028-10-6 (maleate (1:2))
Molecular Formula: C₂₅H₂₅F₃N₄O₈ **Molecular Weight:** 566.48
Batch Molecular Formula: C₂₅H₂₅F₃N₄O₈ **Batch Molecular Weight:** 566.48
Appearance: White solid **Observed mp:** 130 - 131 °C
TLC (R_f): 0.35 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.01, H 4.45, N 9.89; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	4.5	7.9	
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	26.0	45.9	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 17-09-2019

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