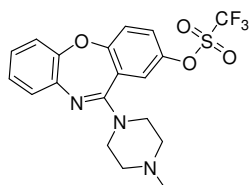




Certificate of Analysis

Axon Catalogue ID: 1150 **Batch Number:** 1
Product Name: GMC 2-83
Alternative Name(s): N.A.
IUPAC Name: 11-(4-Methylpiperazin-1-yl)dibenzo[b,f][1,4]oxazepin-2-yl trifluoromethanesulfonate

Structure:



Amount:

CAS number(s): 183140-98-9
Molecular Formula: C₁₉H₁₈F₃N₃O₄S **Molecular Weight:** 441.42
Batch Molecular Formula: C₁₉H₁₈F₃N₃O₄S **Batch Molecular Weight:** 441.42
Appearance: Pale-yellow solid **Observed mp:** 117.2 - 118.4 °C
TLC (R_f): 0.62 DCM/MeOH (9:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.70, H 4.11, N 9.52; Found: C ND, H ND, N ND
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)	13.0	29.5	
	DMSO	21.3	48.3	
	EtOH			Not Tested

Remarks:

QC Date: 13-01-2021

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