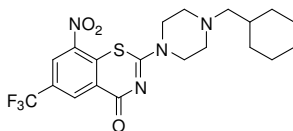




Certificate of Analysis

Axon Catalogue ID: 2626 **Batch Number:** 1
Product Name: PBTZ 169
Alternative Name(s): N.A.
IUPAC Name: 2-(4-(Cyclohexylmethyl)piperazin-1-yl)-8-nitro-6-(trifluoromethyl)-4H-benzo[e][1,3]thiazin-4-one

Structure:



Amount:

CAS number(s): 1377239-83-2
Molecular Formula: C₂₀H₂₃F₃N₄O₃S **Molecular Weight:** 456.48
Batch Molecular Formula: C₂₀H₂₃F₃N₄O₃S **Batch Molecular Weight:** 456.48
Appearance: Yellow solid **Observed mp:** 176.1 - 177.7 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.62, H 5.08, N 12.27; Found: C 52.74, H 5.01, N 12.27
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	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	4.6	10.1	
	EtOH	2.8	6.1	

Remarks:

QC Date: 22-11-2021

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