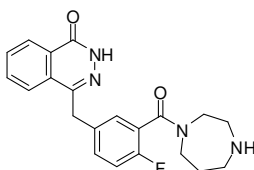




Certificate of Analysis

Axon Catalogue ID: 4179 **Batch Number:** 1
Product Name: KU-0058948
Alternative Name(s): N.A.
IUPAC Name: 4-(3-(1,4-Diazepane-1-carbonyl)-4-fluorobenzyl)phthalazin-1(2H)-one

Structure:



Amount:

CAS number(s): 763111-49-5
Molecular Formula: C₂₁H₂₁FN₄O₂ **Molecular Weight:** 380.42
Batch Molecular Formula: C₂₁H₂₁FN₄O₂.0.25H₂O **Batch Molecular Weight:** 384.92
Appearance: White solid **Observed mp:** 107 - 110 °C
TLC (R_f): 0.3 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.53, H 5.63, N 14.56; Found: C 65.68, H 5.61, N 14.53
Storage Conditions: Store at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	24.0	62.4	
DMSO	38.5	>100 mM	
EtOH	38.5	>100 mM	

Remarks:

QC Date: 1-3-2024

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