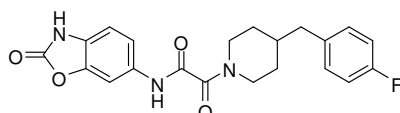




Certificate of Analysis

Axon Catalogue ID: 1434 **Batch Number:** 3
Product Name: RGH 896
Alternative Name(s): Radiprodil
IUPAC Name: 2-[4-(4-Fluoro-benzyl)-piperidin-1-yl]-2-oxo-N-(2-oxo-2,3-dihydro-benzoxazol-6-yl)-acetamide

Structure:



Amount:

CAS number(s): 496054-87-6
Molecular Formula: C₂₁H₂₀FN₃O₄ **Molecular Weight:** 397.40
Batch Molecular Formula: C₂₁H₂₀FN₃O₄ **Batch Molecular Weight:** 397.40
Appearance: Off-white solid **Observed mp:** 226 - 227 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.47, H 5.07, N 10.57; Found: C 63.38, H 4.92, N 10.51
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	39.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 02-01-2019

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