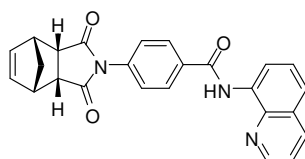


Certificate of Analysis

Axon Catalogue ID: 2510 **Batch Number:** 1
Product Name: IWR-1-endo
Alternative Name(s): IWR-1; endo-IWR-1
IUPAC Name: 4-[(1S,2R,6S,7R)-3,5-Dioxo-4-azatricyclo[5.2.1.0^{2,6}]dec-8-en-4-yl]-N-quinolin-8-ylbenzamide

Structure:



Amount:

CAS number(s): 1127442-82-3
Molecular Formula: C₂₅H₁₉N₃O₃ **Molecular Weight:** 409.44
Batch Molecular Formula: C₂₅H₁₉N₃O₃·0.2H₂O **Batch Molecular Weight:** 413.04
Appearance: Off-white solid **Observed mp:** 199 °C
TLC (R_f): 0.4 Hex/EtOAc (1:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.70, H 4.73, N 10.17; Found: C 72.74, H 4.62, N 10.18
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)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	12.0	29.1	
	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