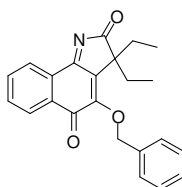


Certificate of Analysis

Axon Catalogue ID: 3215 **Batch Number:** 1
Product Name: RIG012
Alternative Name(s): N.A.
IUPAC Name: 4-(Benzyloxy)-3,3-diethyl-2H-benzo[g]indole-2,5(3H)-dione

Structure:



Amount:

CAS number(s): 2642218-43-5
Molecular Formula: C₂₃H₂₁NO₃ **Molecular Weight:** 359.42
Batch Molecular Formula: C₂₃H₂₁NO₃ **Batch Molecular Weight:** 359.42
Appearance: Red solid **Observed mp:** 161.1 - 165.4 °C
TLC (R_f): 0.8 Hex/EtOAc (1:1)
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 76.86, H 5.89, N 3.90; Found: C 76.73, H 5.55, N 3.90
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)			Not Tested
	DMSO	35.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 23-10-2020

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