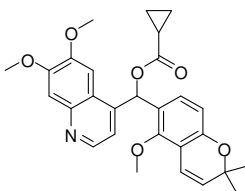




Certificate of Analysis

Axon Catalogue ID: 3701 **Batch Number:** 2
Product Name: SL-145
Alternative Name(s): N.A.
IUPAC Name: (6,7-Dimethoxyquinolin-4-yl)(5-methoxy-2,2-dimethyl-2H-chromen-6-yl)methyl cyclopropanecarboxylate

Structure:



Amount:

CAS number(s): 2051587-62-1
Molecular Formula: C₂₈H₂₉NO₆ **Molecular Weight:** 475.53
Batch Molecular Formula: C₂₈H₂₉NO₆·0.5H₂O **Batch Molecular Weight:** 484.54
Appearance: Pale-yellow solid **Observed mp:** 78.3 - 85.7 °C
TLC (R_f): 0.4 EtOAc (100%)
Chemical Purity: 97.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.41, H 6.24, N 2.89; Found: C 69.58, H 6.21, N 2.85
Storage Conditions: Desiccate at -20 °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	48.0	99.1	
	EtOH	16.0	33.0	

Remarks: Suspected to be unstable in solution. It is recommended to prepare fresh solutions for your experiments.

QC Date: 29-3-2023

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