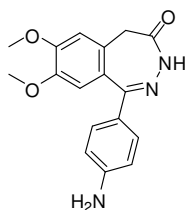




Certificate of Analysis

Axon Catalogue ID: 1217 **Batch Number:** 1
Product Name: CFM 2
Alternative Name(s): N.A.
IUPAC Name: 1-(4-Amino-phenyl)-7,8-dimethoxy-3,5-dihydro-benzo[d][1,2]diazepin-4-one

Structure:



Amount:

CAS number(s): 178616-26-7
Molecular Formula: C₁₇H₁₇N₃O₃ **Molecular Weight:** 311.34
Batch Molecular Formula: C₁₇H₁₇N₃O₃ **Batch Molecular Weight:** 311.34
Appearance: White solid **Observed mp:** 226 - 228 °C
TLC (R_f): 0.55 EtOAc
Chemical Purity: 98.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.58, H 5.50, N 13.50; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	31.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 24-08-2020

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