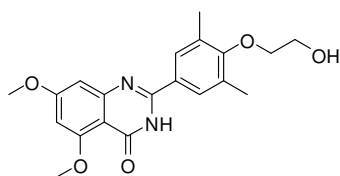




Certificate of Analysis

Axon Catalogue ID: 2245 **Batch Number:** 1
Product Name: RVX 208
Alternative Name(s): RVX 000222
IUPAC Name: 2-(4-(2-Hydroxyethoxy)-3,5-dimethylphenyl)-5,7-dimethoxyquinazolin-4(3H)-one

Structure:



Amount:

CAS number(s): 1044870-39-4
Molecular Formula: C₂₀H₂₂N₂O₅ **Molecular Weight:** 370.40
Batch Molecular Formula: C₂₀H₂₂N₂O₅ **Batch Molecular Weight:** 370.40
Appearance: Off-white solid **Observed mp:** 232 °C
TLC (R_f): 0.55 DCM/MeOH (9:1)
Chemical Purity: 98.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.85, H 5.99, N 7.56; Found: C 64.74, H 6.00, N 7.43
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 | 37.0 | >100 mM | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 13-05-2020

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