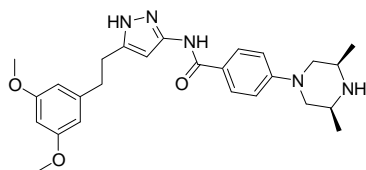




Certificate of Analysis

Axon Catalogue ID: 1917 **Batch Number:** 1
Product Name: AZD 4547
Alternative Name(s): N.A.
IUPAC Name: N-(5-(3,5-dimethoxyphenethyl)-1H-pyrazol-3-yl)-4-((3S,5R)-3,5-dimethylpiperazin-1-yl)benzamide, rel-

Structure:



Amount:

CAS number: 1035270-39-3
Batch Molecular Formula: C₂₆H₃₃N₅O₃ · 0.125H₂O **Batch MW:** 465.82
Appearance: off-white solid **Observed m.p.:** 170.5 - 172 °C
TLC (R_f): 0.4 DCM/MeOH [9:1]
Chemical Purity: 99.6% **Wavelength for purity check:** 206 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at <4°C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|-------------------------|----------------|---------------------------|------------------------|----------------|
| | Water | | | Not Tested |
| | 1eq. NaOH | | | Not Tested |
| | 1eq. HCl | | | Not Tested |
| | DMSO | 46.4 | >100 mM | Soluble |
| | EtOH | | | Not Tested |

Remarks:

Quality controller: Erik S. Vermeulen, PhD **Date:** 9/17/2012

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only