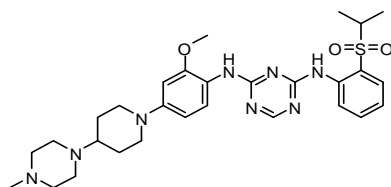




## Certificate of Analysis

**Axon Catalogue ID:** 2005 **Batch Number:** 1  
**Product Name:** ASP 3026  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N2-(2-(isopropylsulfonyl)phenyl)-N4-(2-methoxy-4-(4-(4-methylpiperazin-1-yl)piperidin-1-yl)phenyl)-1,3,5-triazine-2,4-diamine

**Structure:**



**Amount:**

**CAS number:** 1097917-15-1 **MW:** 580.74  
**Batch Molecular Formula:** C<sub>29</sub>H<sub>40</sub>N<sub>8</sub>O<sub>3</sub>S.1.5H<sub>2</sub>O **Batch MW:** 607.76  
**Appearance:** White solid **Observed mp:** 110.6 - 112.3 °C  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH (9:1)  
**Chemical Purity:** 99.2%  
**Optical Purity (ee):**  
**<sup>1</sup>H-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

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0	0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	12	20	* Soluble
DMSO	54	89	Soluble
EtOH			Not Tested

**Remarks:** \* Insoluble in water but soluble in acidic aq solution or soluble in water upon compensating 1 eq acid.

**QC Date:** 2/19/2013

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](mailto:info@axonmedchem.com) indicating Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**