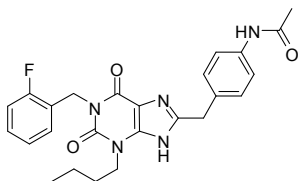




## Certificate of Analysis

**Axon Catalogue ID:** 1165 **Batch Number:** 3  
**Product Name:** cPEPCK inhibitor  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(4-[3-Butyl-1-(2-fluoro-benzyl)-2,6-dioxo-2,3,6,9-tetrahydro-1H-purin-8-ylmethyl]-phenyl)-acetamide

**Structure:**



**Amount:**

**CAS number(s):** 628279-07-2  
**Molecular Formula:** C<sub>25</sub>H<sub>26</sub>N<sub>5</sub>O<sub>3</sub> **Molecular Weight:** 463.50  
**Batch Molecular Formula:** C<sub>25</sub>H<sub>26</sub>N<sub>5</sub>O<sub>3</sub> **Batch Molecular Weight:** 463.50  
**Appearance:** White solid **Observed mp:** 261.1 - 262.2 °C  
**TLC (R<sub>f</sub>):** 0.68 DCM/MeOH (9:1)  
**Chemical Purity:** 98.9%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 64.78, H 5.65, N 15.10; Found: C 64.66, H 5.57, N 15.16  
**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	44.0	94.9	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 12-12-2016

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

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