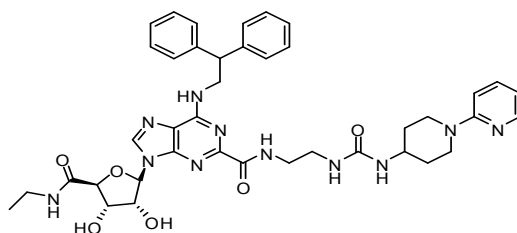




## Certificate of Analysis

**Axon Catalogue ID:** 1193 **Batch Number:** 2  
**Product Name:** UK 432097  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 6-(2,2-diphenylethylamino)-9-((2R,3R,4S,5S)-5-(ethylcarbamoyl)-3,4-dihydroxytetrahydrofuran-2-yl)-N-(2-(3-(1-(pyridin-2-yl)piperidin-4-yl)ureido)ethyl)-9H-purine-2-carboxamide

**Structure:**



**Amount:**

**CAS number:** 380221-63-6  
**Batch Molecular Formula:** C<sub>40</sub>H<sub>47</sub>N<sub>11</sub>O<sub>6</sub> **Batch MW:** 777.89  
**Appearance:** White solid **Observed mp:** 148 °C  
**TLC (R<sub>f</sub>):** 0.37 DCM/MeOH (9:1)  
**Chemical Purity:** 99.1%  
**Optical Purity (ee):** Optically pure  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Not available  
**Storage Conditions:** Store at -20°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0	0	Insoluble
	0.1N NaOH (aq)	0	0	Insoluble
	0.1N HCl (aq)	45	58	Soluble
	DMSO	71	91	Soluble
	EtOH			Not Tested

**Remarks:**

**QC Date:** 19-7-2011

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**