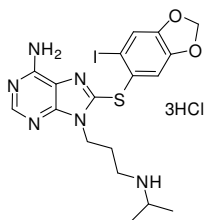




Certificate of Analysis

Axon Catalogue ID: 1856 **Batch Number:** 3
Product Name: PU-H71 trihydrochloride
Alternative Name(s): N.A.
IUPAC Name: 8-(6-Iodobenzo[d][1,3]dioxol-5-ylthio)-9-(3-(isopropylamino)propyl)-9H-purin-6-amine trihydrochloride

Structure:



Amount:

CAS number: 873436-91-0 (parent)
Batch Molecular Formula: C₁₈H₂₁N₆O₂S₃·3HCl **Batch MW:** 621.57
Appearance: Light brown solid **Observed mp:** 151 - 153 °C
TLC (R_f): 0.4 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.7%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 34.77 , H 3.89 , N 13.51 Found: C 35.23 , H 4.22 , N 13.82
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	44.0	70.8	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 30-10-2014

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