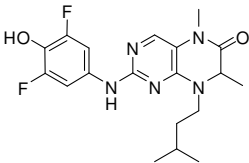




Certificate of Analysis

Axon Catalogue ID:	1528	Batch Number:	1
Product Name:	BI-D1870		
Alternative Name(s):	N.A.		
IUPAC Name:	2-(3,5-Difluoro-4-hydroxyphenylamino)-8-isopentyl-5,7-dimethyl-7,8-dihydropteridin-6(5H)-one		
Structure:			Amount:
CAS number:	501437-28-1		
Batch Molecular Formula:	C19H23F2N5O2	Batch MW:	391.42
Appearance:	Off-white solid	Observed mp:	241 °C (decomp)
TLC (R_f):	0.3	EtOAc	
Chemical Purity:	99.1%		
Optical Purity (ee):			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 58.30 , H 5.92 , N 17.89 Found: C ND , H ND , N ND		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		
	0.1N NaOH (aq)		
	0.1N HCl (aq)	4.3	11.0
	DMSO	39.1	>100 mM
	EtOH	11.2	28.6
			Remarks
			Not Tested
			Not Tested
			Requires warming upto 50°C
			Yields a pink solution
			Requires warming upto 50°C
Remarks:	Suspected to be light sensitive; stock solutions should be stored at -20°C.		
QC Date:	09-06-2010		

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