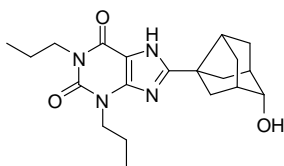




Certificate of Analysis

Axon Catalogue ID: 1852 **Batch Number:** 1
Product Name: Rolofylline metabolite M1-cis
Alternative Name(s): Compound 4
IUPAC Name: 8-(Hexahydro-7-hydroxy-2,5-methanopentalen-3a(1H)-yl)-3,9-dihydro-1,3-dipropyl-1H-Purine-2,6-dione

Structure:



Amount:

CAS number: 161167-65-3
Batch Molecular Formula: C₂₀H₂₈N₄O₃ **Batch MW:** 372.46
Appearance: White Solid **Observed m.p.:** 224.9-225.9°C
TLC (R_f): 0.5 19:1 DCM/Methanol
Chemical Purity: 98.7% **Wavelength for purity check:** 278 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Not available

Storage Conditions: Desiccate at <4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Insoluble
	1eq. NaOH			Not tested
	1eq. HCl			Not tested
	DMSO			Soluble
	EtOH			Soluble

Remarks:

Quality controller: M. Brandsma, MSc. **Date:** 18-4-2012

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 indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only