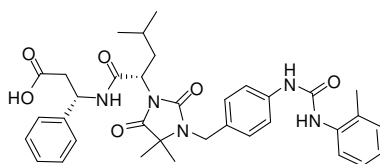




Certificate of Analysis

Axon Catalogue ID: 1616 **Batch Number:** 1
Product Name: HMR 1031
Alternative Name(s): N.A.
IUPAC Name: (S)-3-((S)-2-(4,4-Dimethyl-2,5-dioxo-3-(4-(3-o-tolylureido)benzyl)imidazolidin-1-yl)-4-methylpentanamido)-3-phenylpropanoic acid

Structure:



Amount:

CAS number: 479203-71-9
Batch Molecular Formula: C35H41N5O6 **Batch MW:** 627.73
Appearance: White solid **Observed mp:** 123 - 128 °C
TLC (R_f): 0.28 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.97 , H 6.58 , N 11.16 Found: C ND , H ND , N ND
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water			Not Tested
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	26.0	41.4	
EtOH	7.4	11.8	

Remarks:

QC Date: 24-11-2010

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