



Certificate of Analysis

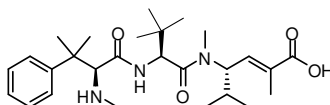
Axon Catalogue ID: 1650 **Batch Number:** 1

Product Name: HTI 286

Alternative Name(s): SPA 110; Taltobulin

IUPAC Name: (S,E)-2,5-Dimethyl-4-((S)-N,3,3-trimethyl-2-((S)-3-methyl-2-(methylamino)-3-phenylbutanamido)butanamido)hex-2-enoic acid

Structure:



Amount:

CAS number(s): 228266-40-8

Molecular Formula: C₂₇H₄₃N₃O₄

Molecular Weight: 473.65

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Batch Molecular Weight: 473.65

Appearance: White solid

Observed mp: 111 - 112 °C

TLC (R_f): 0.55 DCM/MeOH (9:1)

Chemical Purity: 99.7%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 68.47, H 9.15, N 8.87; Found: C ND, H ND, N ND

Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.3	91.4	
	EtOH			Not Tested

Remarks:

QC Date: 7-1-2022

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