Certificate of Analysis



Tubulysin

Cat. No.: HY-128914 1943604-24-7 CAS No .:

Batch No.: 365878

Chemical Name: (2S,4R)-4-(2-((1R,3R)-1-Acetoxy-4-methyl-3-((2S,3S)-3-methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(((3-methylbutanoyl)oxy)methyl-N-(

)-2-((R)-1-methylpiperidine-2-carboxamido)pentanamido)pentyl)thiazole-4-carboxamido)-2-me

thyl-5-(p-tolyl)pentanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{44}H_{67}N_5O_9S$

Molecular Weight: 842.10

Storage: -20°C, stored under nitrogen, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.53%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA