Berninamycin A
Item No. 18769

CAS Registry No.: 58798-97-3
Formal Name: L-threonyl-2-[(1Z)-1-amino-1-propen-1-yl]-5-methyl-4-oxazolecarbonyl-2,3-didehydroalanyl-3-methyl-L-threonyl-2-(1-aminoethenyl)-5-methyl-4-oxazolecarbonyl-2,3-didehydroalanyl-6-[2-(1-aminoethenyl)-4-oxazolyl]-5-(4-carboxy-2-thiazolyl)-2-pyridinecarbonyl-2,3-didehydroalanyl-2,3-didehydroalaninamide (7→1)-lactam

MF: C_{51}H_{51}N_{15}O_{15}S
FW: 1,146.1
Purity: ≥99%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Berninamycin A is supplied as a solid. A stock solution may be made by dissolving the berninamycin A in the solvent of choice. Berninamycin A is soluble in organic solvents such as DMSO and dimethyl formamide, which should be purged with an inert gas. Berninamycin A is also moderately soluble in ethanol.

Description

Berninamycin A is a cyclic thiopeptide antibiotic first isolated from *S. bernensis*.

References