



## CERTIFICATE of ANALYSIS

<b>PRODUCT:</b>	<b>Borrelidin</b> [2-(7-Cyano-8,16-dihydroxy-9,11,13,15-tetramethyl-18-oxooxacyclo-octadeca-4,6-dien-2-yl)cyclopentanecarboxylic acid; Treponemycin; U 78548; C2989] C <sub>28</sub> H <sub>43</sub> NO <sub>6</sub> , M.W. 489.7, CAS# [7184-60-3]
<b>PRODUCT NUMBER:</b>	B-1260
<b>LOT NUMBER:</b>	A9143
<b>APPEARANCE:</b>	Off-white powder
<b>SOLUBILITY:</b>	Soluble in DMSO or methanol
<b>PURITY (HPLC):</b>	99.9%
<b>IDENTITY:</b>	Confirms (by <sup>1</sup> H-NMR, <sup>13</sup> C-NMR, MS, IR)
<b>FURTHER INFORMATION:</b>	Isolated from <i>Streptomyces sp.</i> Inhibitor of bacterial and eukaryal threonyl-tRNA synthetase (ThrRS). Cyclin-dependent kinase (CDK) inhibitor. Shows angiogenesis inhibiting and antiviral activity.
<b>STORAGE &amp; HANDLING:</b>	Keep cool and dry at -20°C. <b><u>WARNING:</u> HIGHLY IRRITANT!</b>

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT