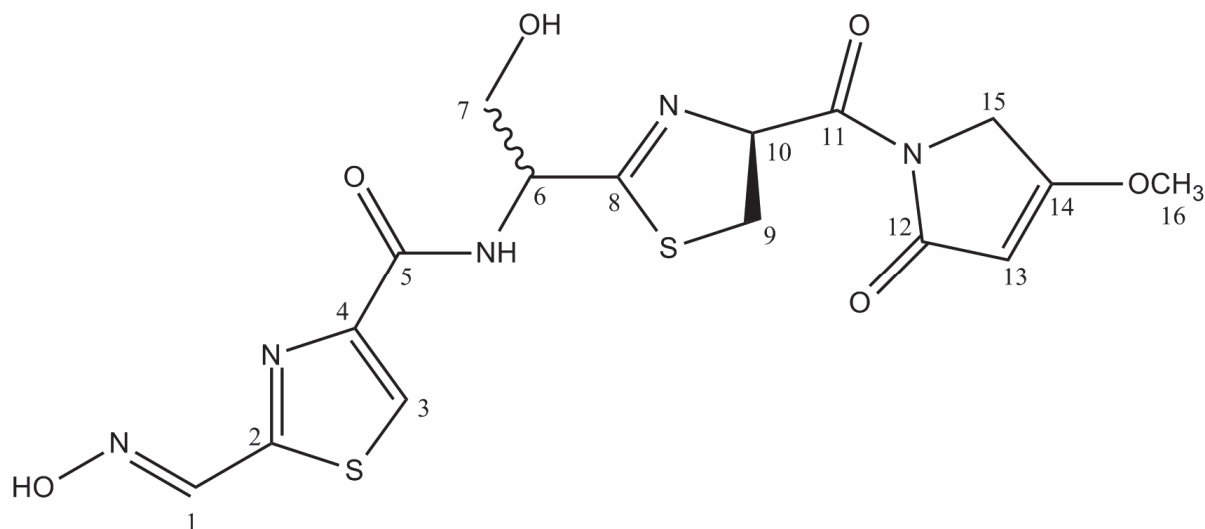


## Supporting Table S3

Table S3. NMR assignment for althiomycin (DMSO-d<sub>6</sub>, 700MHz, 25°C)



Carbon	$\delta_{\text{H}}$ (ppm)	$\delta_{\text{C}}$ (ppm)*	HMBC	Literature**	
				$\delta_{\text{H}}$ (ppm)	$\delta_{\text{C}}$ (ppm)
1	8.37(s)	143.0	C2	<b>8.37(s)</b>	<b>143.2</b>
2		162.6			<b>162.6</b>
3	8.29 (s)	124.8	C2, C5	<b>8.35(s)</b>	<b>125.3</b>
4		149.6			<b>149.7</b>
5		160.4			<b>159.8</b>
C5-NH-C6	8.39(br)		C5, C6	<b>8.41(m)</b>	
6	4.84(m)	53.5	C5, C7, C8	<b>4.88(m)</b>	<b>53.9</b>
7	3.79(m)	61.8	C6, C8	<b>3.80(m)</b>	<b>62.2</b>
8		173.5			<b>173.4</b>
9	3.40/3.58(m)	34.9	C8, C10, C11	<b>3.40/3.58(m)</b>	<b>34.6</b>
10	6.14(t, 8.6)	77.8	C8, C9, C11	<b>6.16(m)</b>	<b>78.0</b>
11		168.1			<b>168.3</b>
12		169.5			<b>169.6</b>
13	5.39(s)	94.3	C12, C15, C16	<b>5.43(m)</b>	<b>94.4</b>
14		177.2			<b>177.2</b>
15	4.29(s)	47.9	C11, C12, C13, C14	<b>4.33(m)</b>	<b>48.0</b>
16	3.88(s)	58.9	C14	<b>3.88(s)</b>	<b>59.2</b>

\* Carbon shift obtained from HSQC and HMBC

\*\*Reference:

Cortina NS, Revermann O, Krug D, Muller R (2011) Identification and characterization of the althiomycin biosynthetic gene cluster in *Myxococcus xanthus* DK897. *Chembiochem* 12: 1411-1416.