

Table 1: Growth conditions used to performed -omics analyses

Conditions	Media	Brief description	Time (h)	Antibacterial activity*
C1	MP5	Liquid medium based on yeast extract containing glycerol (3.6 %), NaNO ₃ (1 g/l), MOPS - optimized for congocidine and spiramycin production	24	-
C2			30	-
C3			36	-
C4			48	++
C5			72	+++
C6	YEME	Liquid medium based on yeast extract containing saccharose (10.3 %), glucose (1 %), and malt extract	24	-
C7			48	+

*Size of the inhibition halo: “-” (no detectable inhibition), “+” (< 20 mm), “++” ([20; 30] mm), “+++” (> 30 mm) – See **Extended Data Fig.1B**.