# A gene cluster encoding cholesterol catabolism in a soil actinomycete provides insight into Mycobacterium tuberculosis survival in macrophages

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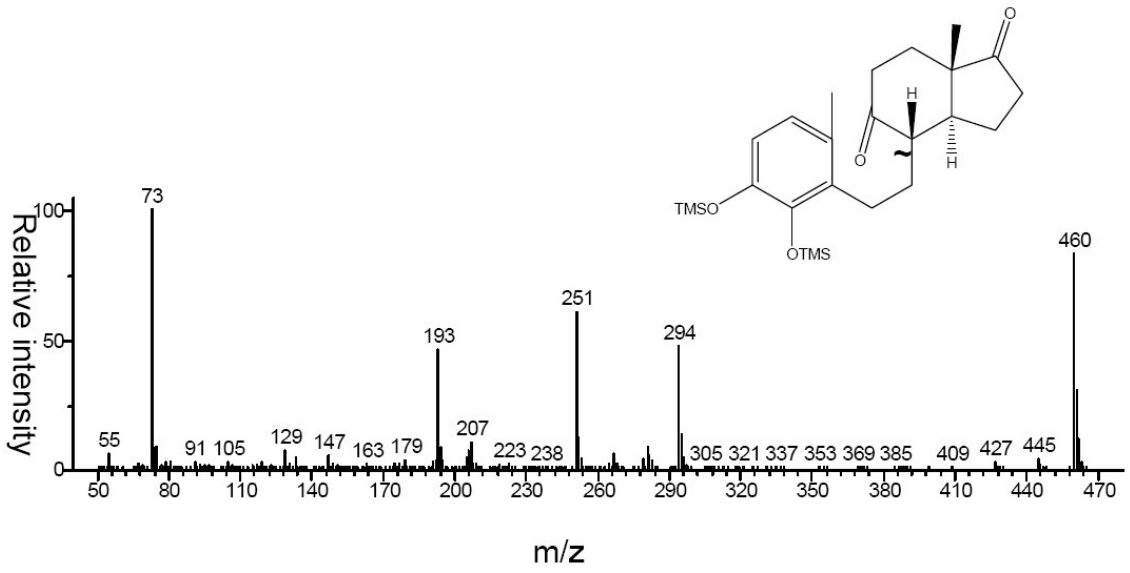


**Fig. 4.** Mass spectrum of trimethyl-silane (TMS)-derivatized 3,4-DHSA. The intensities of the ions were 26 adjusted relative to that of the TMS peak at *m/z* = 73. The molecular ion (*m/z* = 460) 27 corresponds to derivatized 3,4-DHSA (structure shown in *Inset*). The ion at *m/z* = 294 results 28 from fragmentation between carbons 7 and 8, as depicted in the structure.