

Supplementary Data

α -D-Glucopyranosyl-(1 \rightarrow 2)-[6-O-(L-tryptophanyl)- β -D-fructofuranoside]

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Figure S1. HRESI-LC-MS data for pure Tortomycoglycoside (**1**) shows $[M+H]^+$, $[M+Na]^+$, base peak and less abundant fragments.

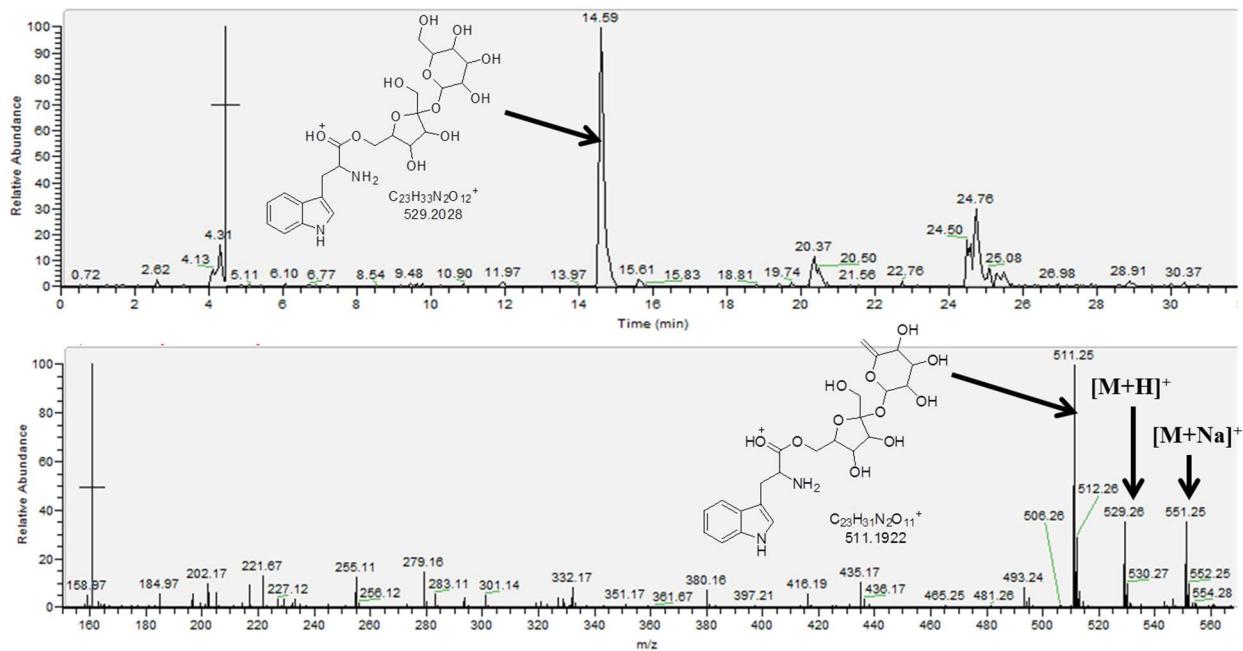


Figure S2. Proposed plausible structures for low abundance mass spectrometry fragments of Tortomycoglycoside (**1**).

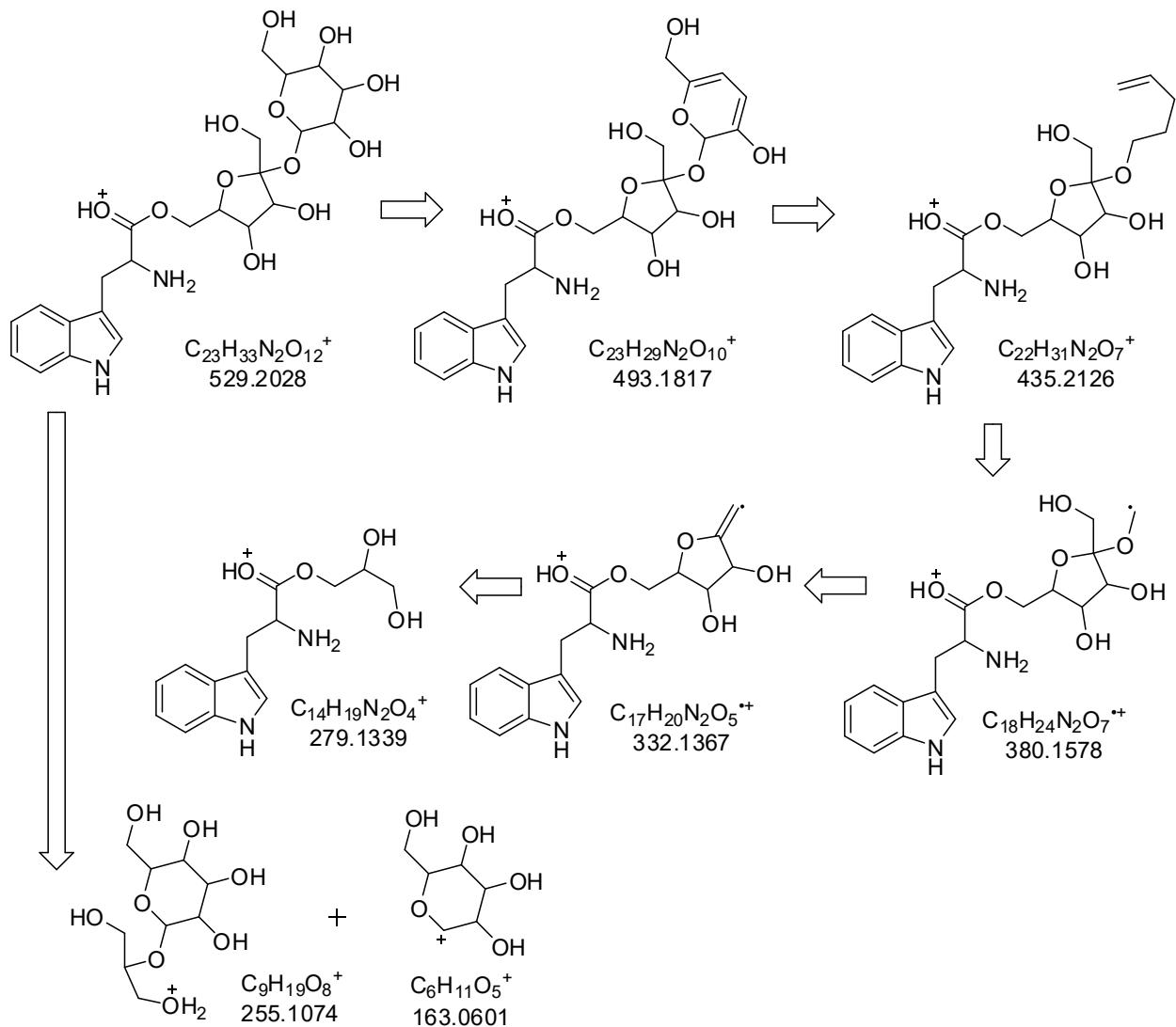


Figure S3. UV spectrum of Tortomycoglycoside (**1**) in 30/70 mixture of water and acetonitrile.

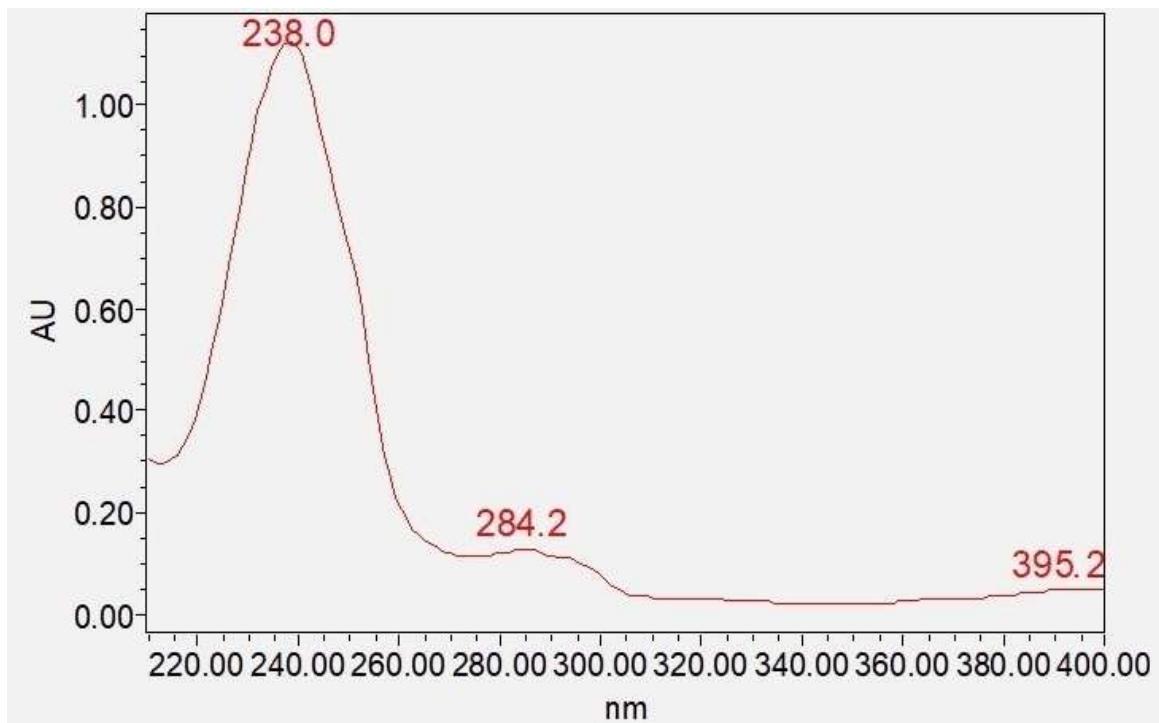


Figure S4. ^{13}C -NMR spectrum of Tortomycoglycoside (**1**) in DMSO-d₆.

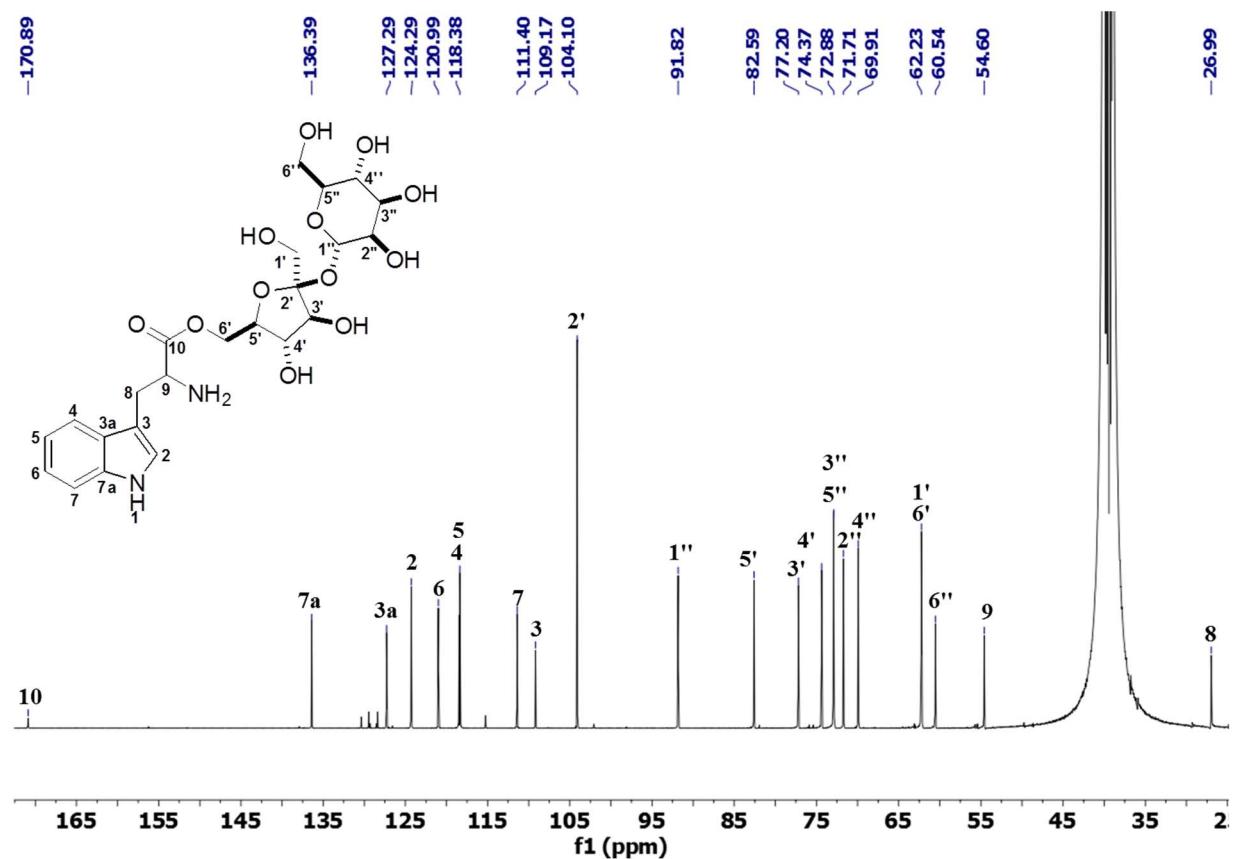


Figure S5. ^1H -NMR spectrum of Tortomyccoglycoside (**1**) in DMSO-d₆.

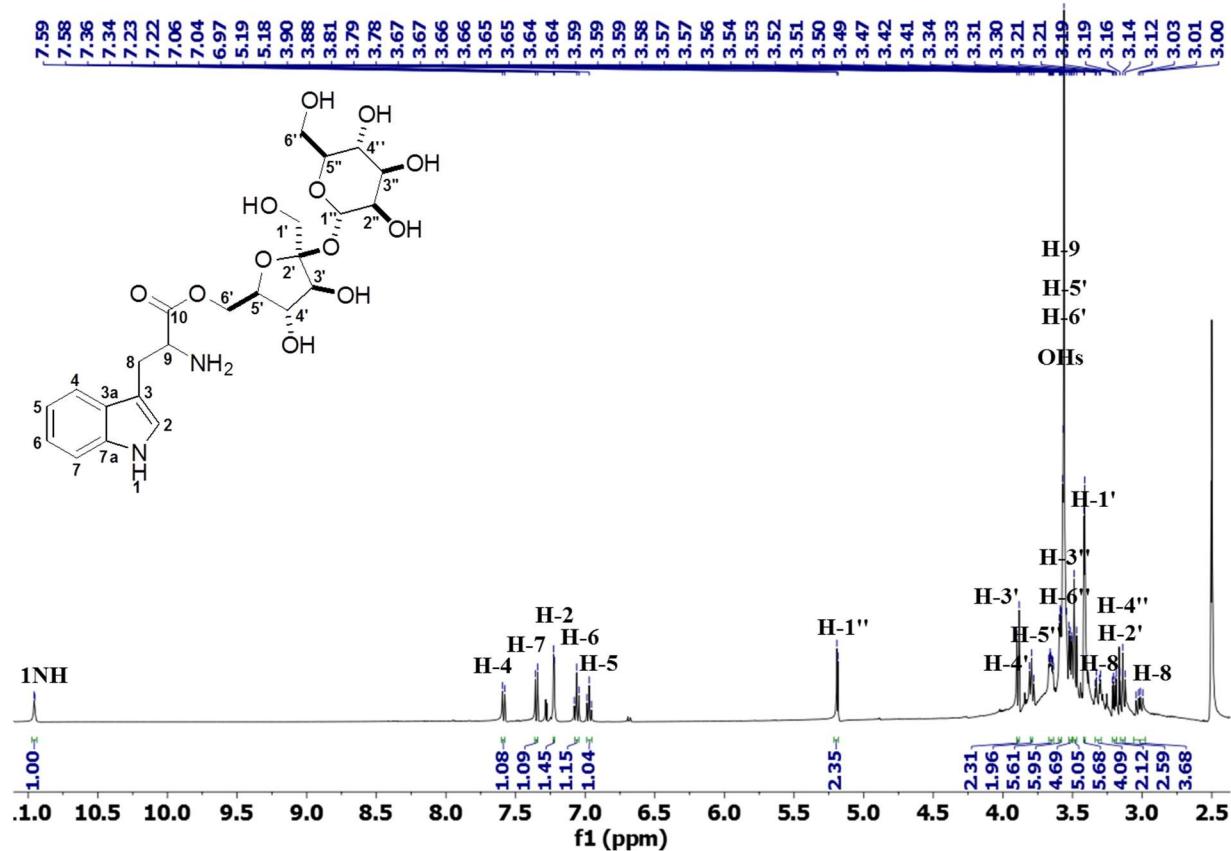


Figure S6. HSQC spectrum of Tortomycoglycoside (**1**) in DMSO-d₆.

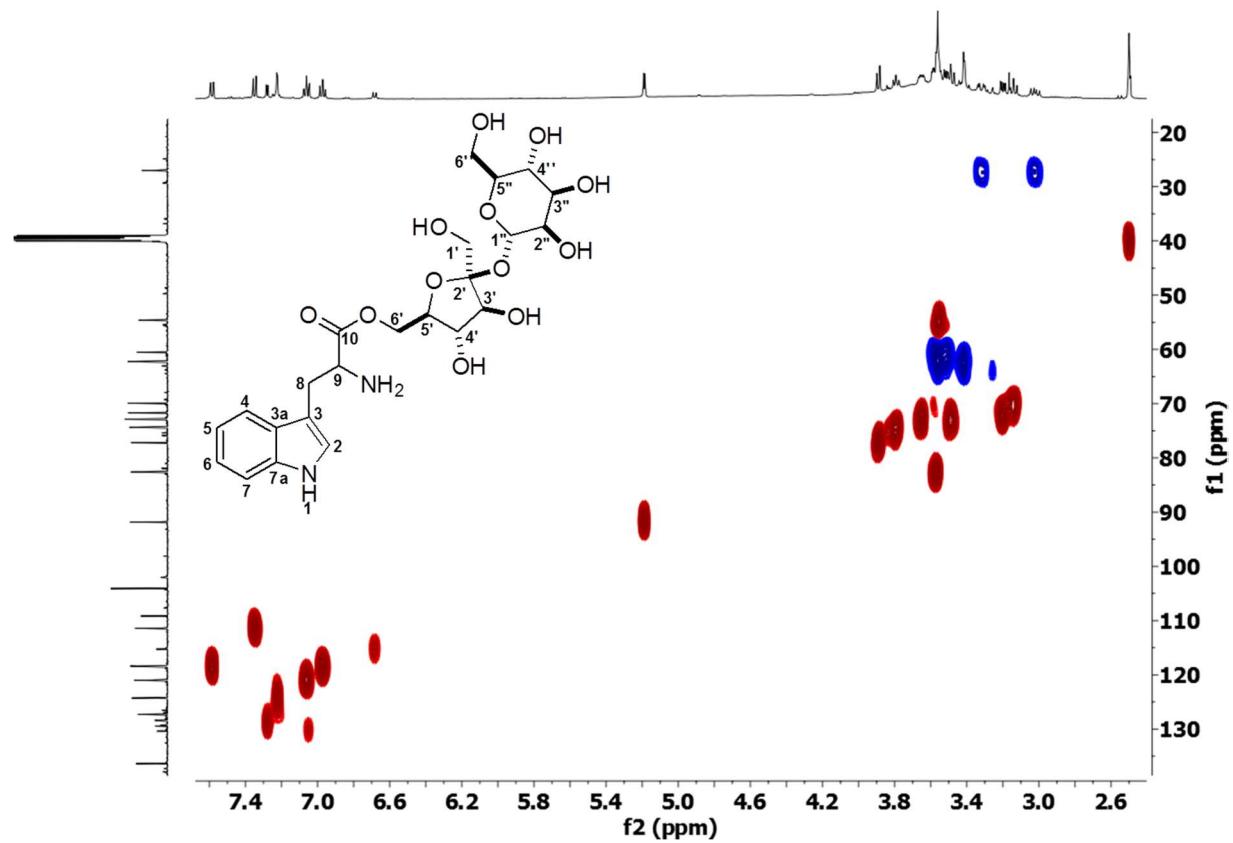


Figure S7. COSY spectrum of Tortomycoglycoside (**1**) in DMSO-d₆.

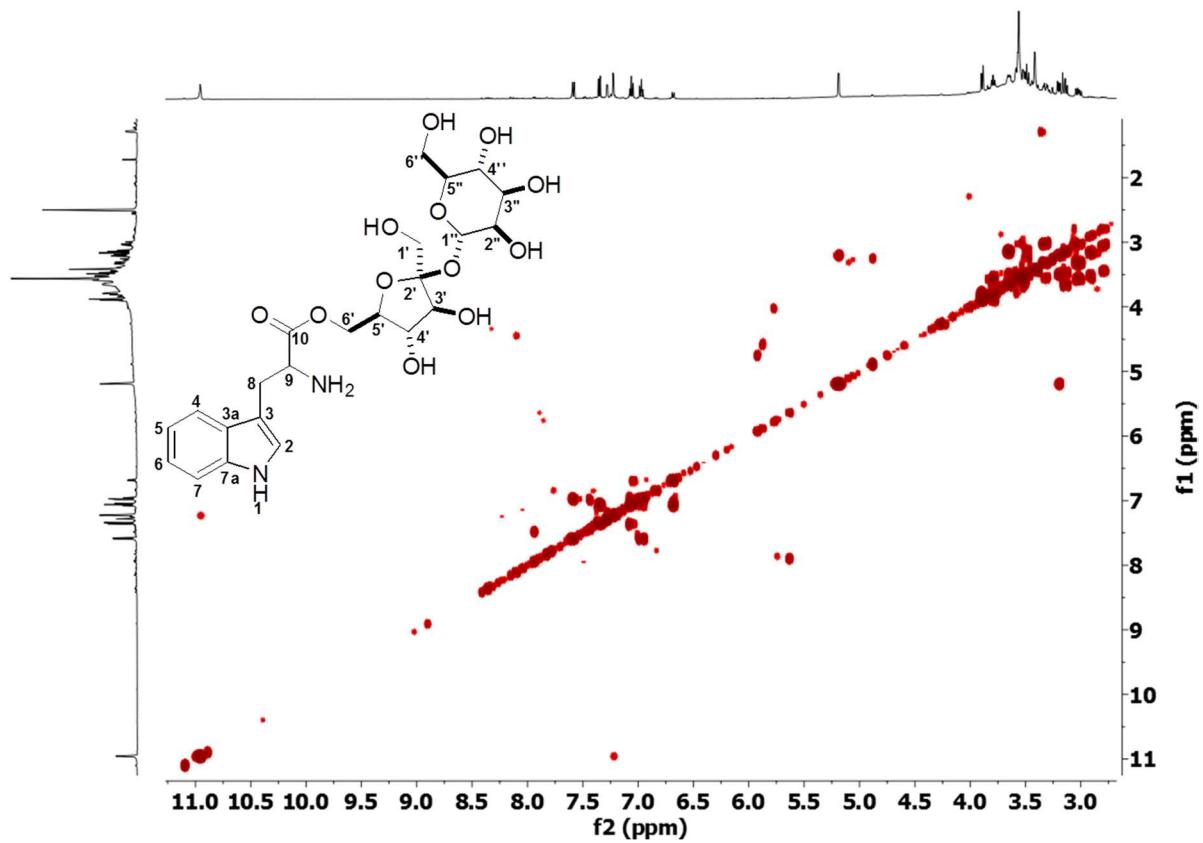


Figure S8. HMBC spectrum of Tortomycoglycoside (**1**) in DMSO-d₆.

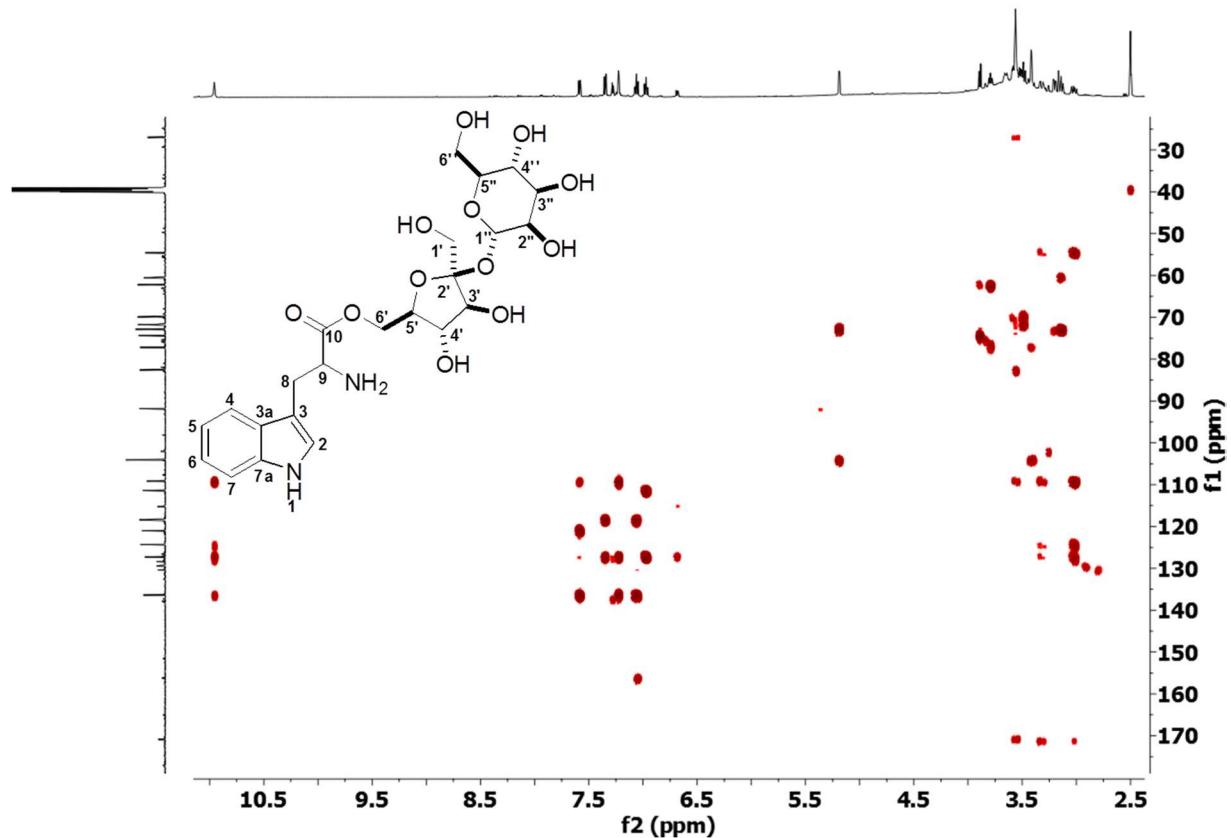


Figure S9. TOCSY spectrum of Tortomycoglycoside (**1**) in DMSO-d₆.

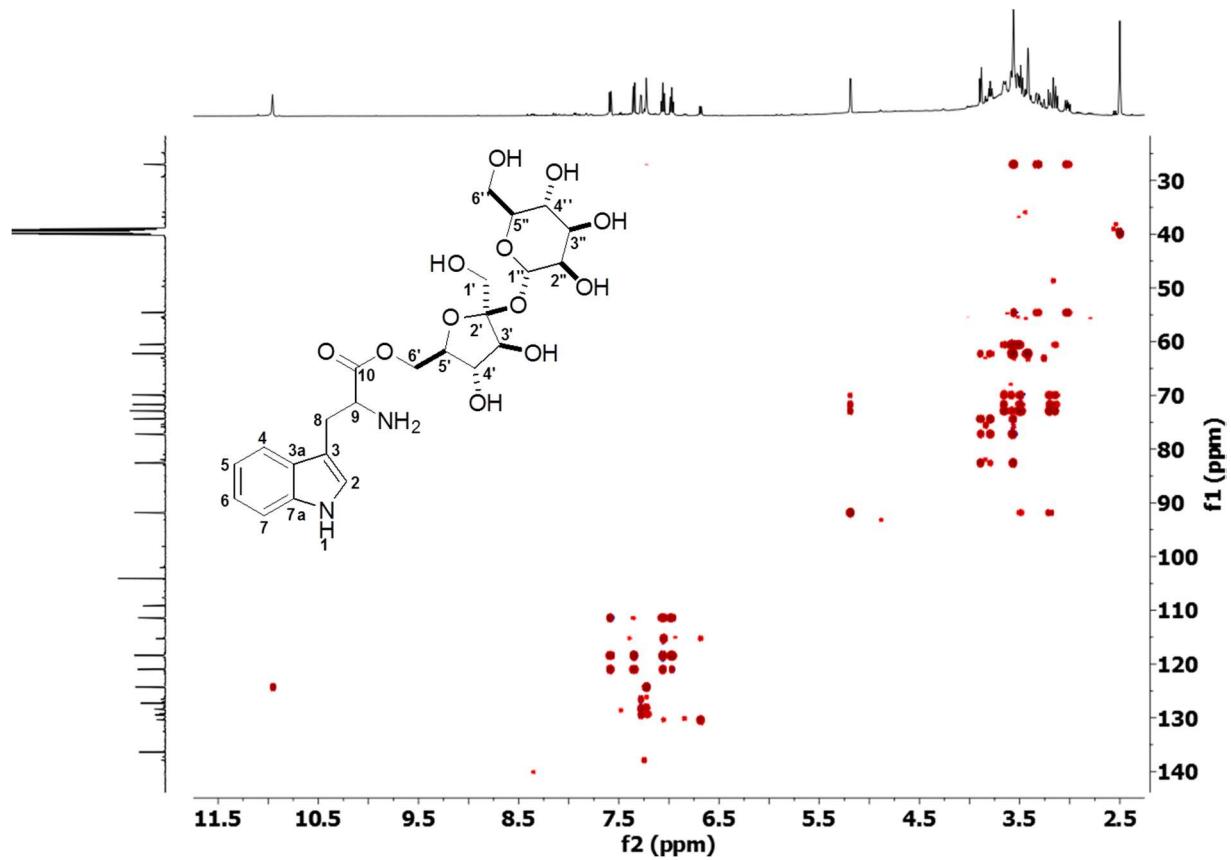


Figure S10. T-ROESY spectrum of Tortomycoglycoside (**1**) in DMSO-d₆.

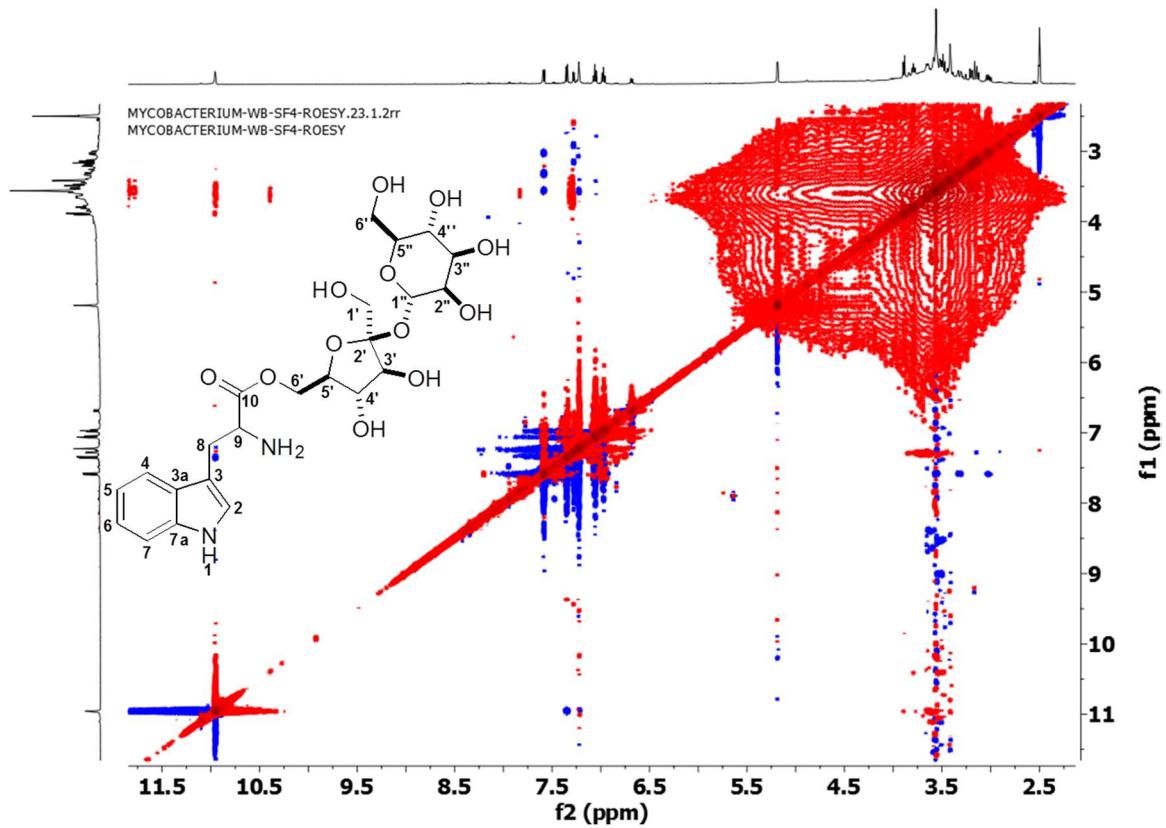


Figure S11. 1D-TOCSY irradiation of H-1' in DMSO-d6.

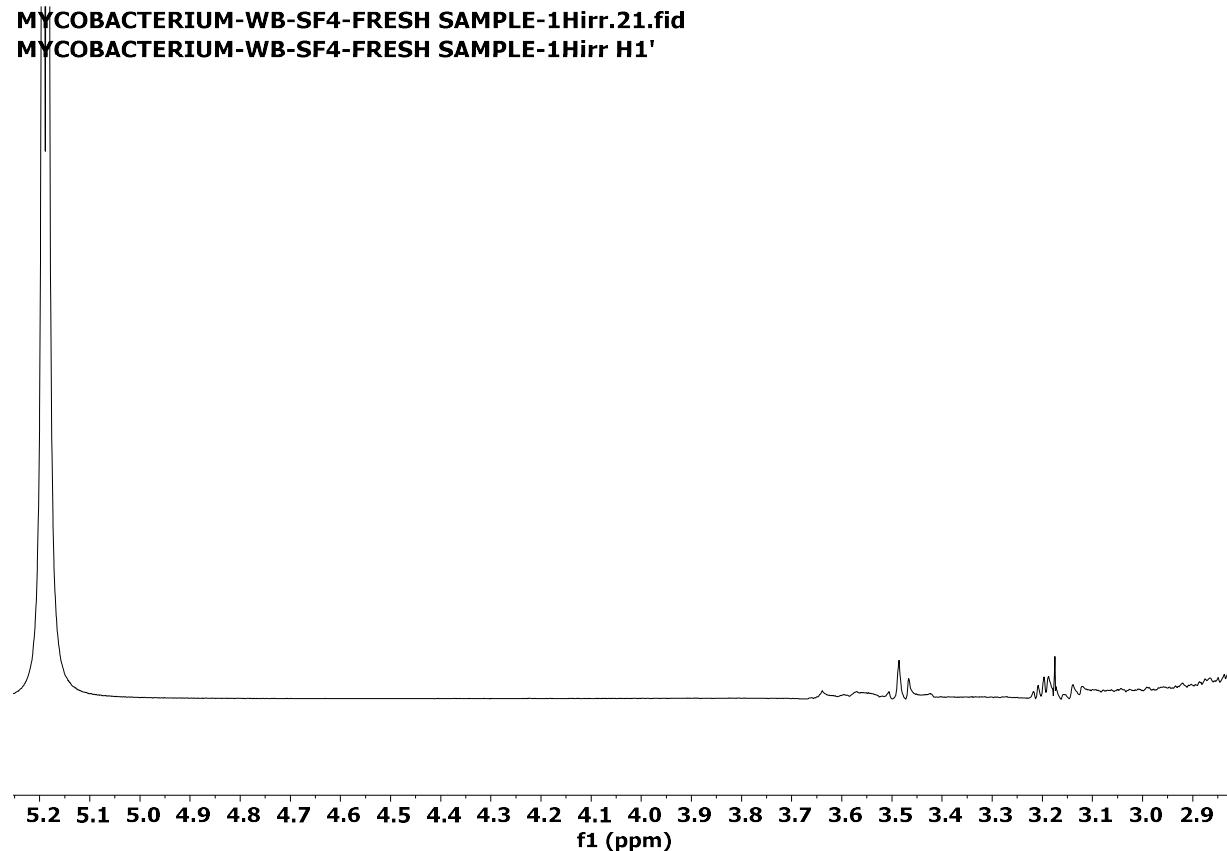


Figure S12. 1D-TOCSY irradiation of H-3" in DMSO-d6.

MYCOBACTERIUM-WB-SF4-FRESH SAMPLE-1Hirr.22.fid
MYCOBACTERIUM-WB-SF4-FRESH SAMPLE-1Hirr H3"

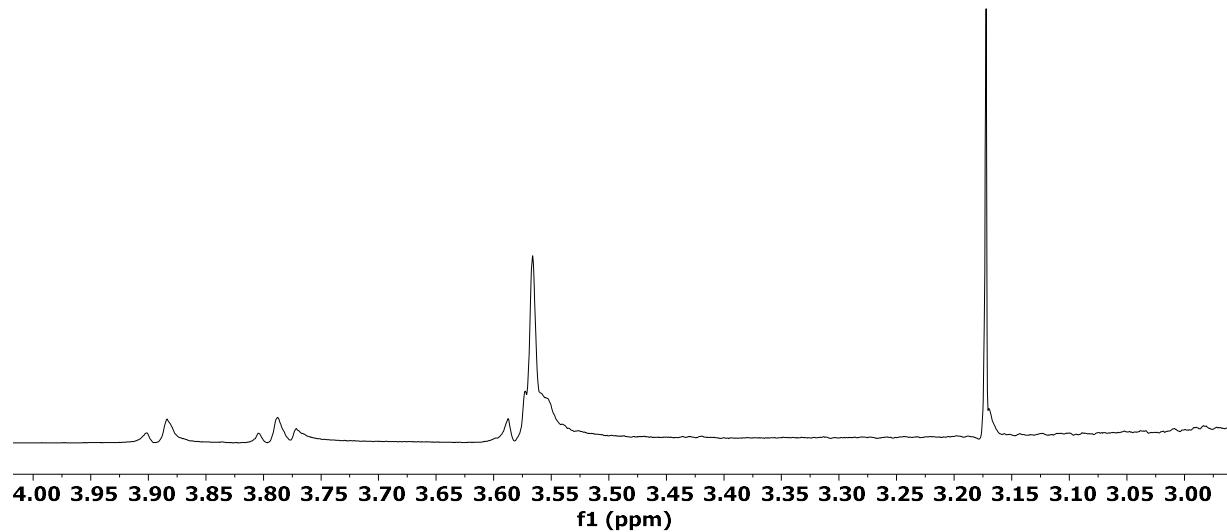


Table S1. Examples of Pathogenic and Non-pathogenic Mycobacteria species.

Pathogenic Mycobacteria	Non-pathogenic Mycobacteria	Pathogenic Mycobacteria	Non-pathogenic Mycobacteria
<i>M. tuberculosis</i>	<i>M. smegmatis</i>	<i>M. malmoense</i>	
<i>M. bovis</i>	<i>M. gordonaee</i>	<i>M. caprae</i>	
<i>M. leprae</i>	<i>M. vaccae</i>	<i>M. celatum</i>	
<i>M. lepromatosis</i>	<i>M. aurum</i>	<i>M. neoaurum</i>	
<i>M. avium</i>	<i>M. flavescentis</i>	<i>M. immunogenum</i>	
<i>M. abscessus</i>	<i>M. gastri</i>	<i>M. porcinum</i>	
<i>M. marinum</i>	<i>M. gilvum</i>	<i>M. interjectum</i>	
<i>M. kansasii</i>	<i>M. parafortuitum</i>	<i>M. indicus pranii</i>	
<i>M. fortuitum</i>		<i>M. senegalense</i>	
<i>M. chelonae</i>		<i>M. thermoresistibile</i>	
<i>M. ulcerans</i>		<i>M. arupense</i>	
<i>M. africanum</i>		<i>M. phocaicum</i>	
<i>M. xenopi</i>		<i>M. farcinogenes</i>	
<i>M. scrofulaceum</i>		<i>M. colombiense</i>	
<i>M. phlei</i>		<i>M. obuense</i>	
<i>M. chimaera</i>		<i>M. septicum</i>	
<i>M. terrae</i>		<i>M. aubagnense</i>	
<i>M. simiae</i>		<i>M. intermedium</i>	
<i>M. canetti</i>		<i>M. bohemicum</i>	
<i>M. haemophilum</i>			