

Supplementary Information

Novel Exopolysaccharide from Marine *Bacillus subtilis* with Broad Potential Biological Activities: Insights into Antioxidant, Anti-Inflammatory, Cytotoxicity, and Anti-Alzheimer Activity

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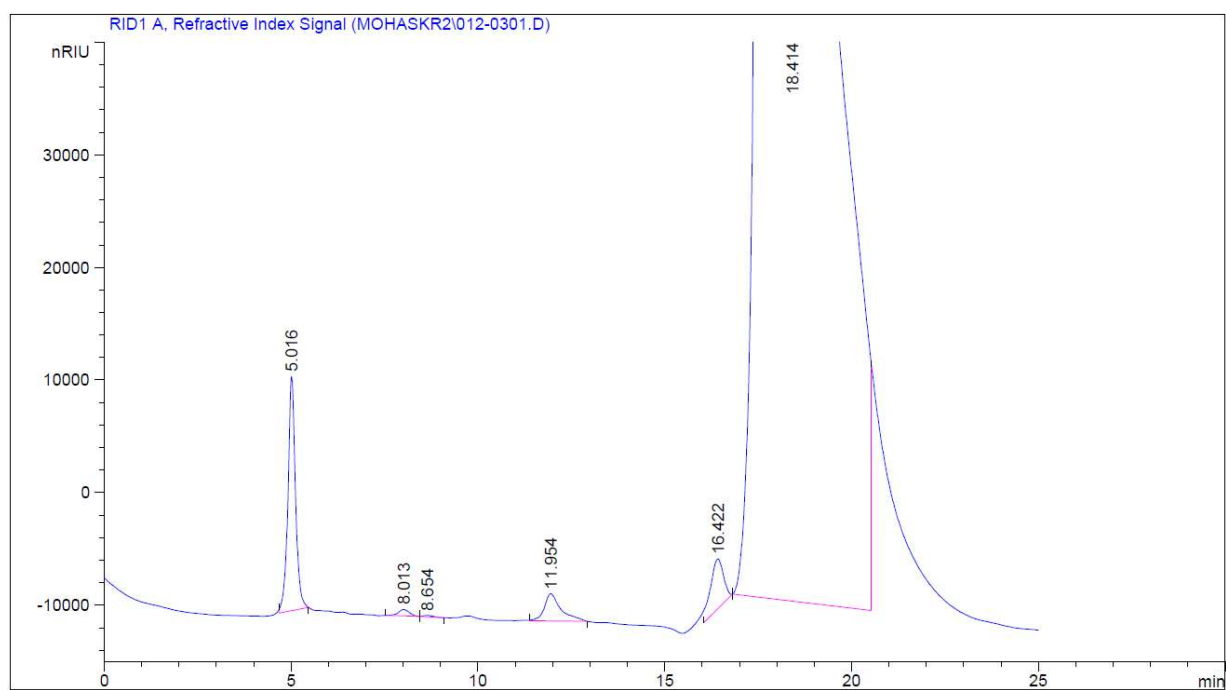


Figure S1: HPLC analysis of the EPSR4.

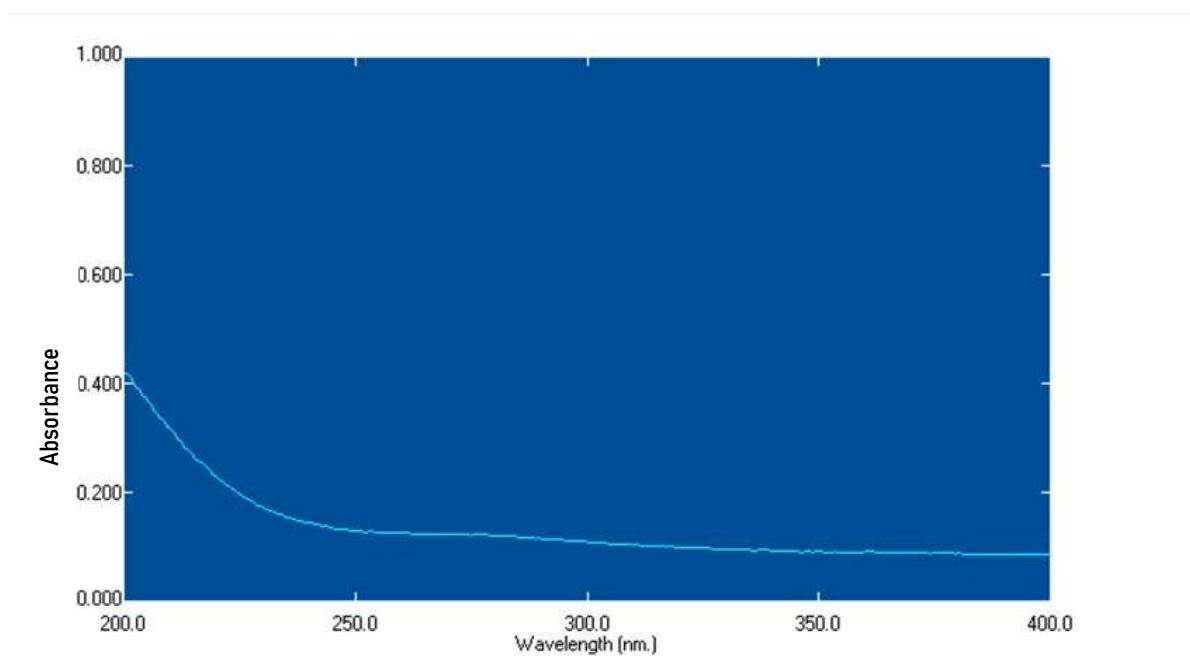


Figure S2: The UV spectra of EPSR4 in the range 200-800 nm.

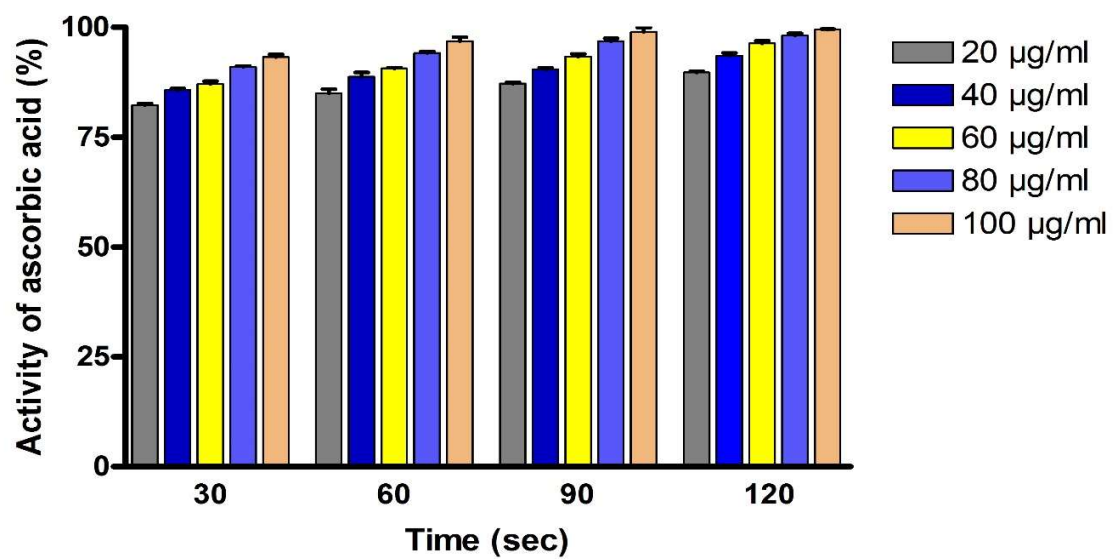


Figure S3: The activity of ascorbic acid to scavenge the free radical of DPPH at different time intervals.

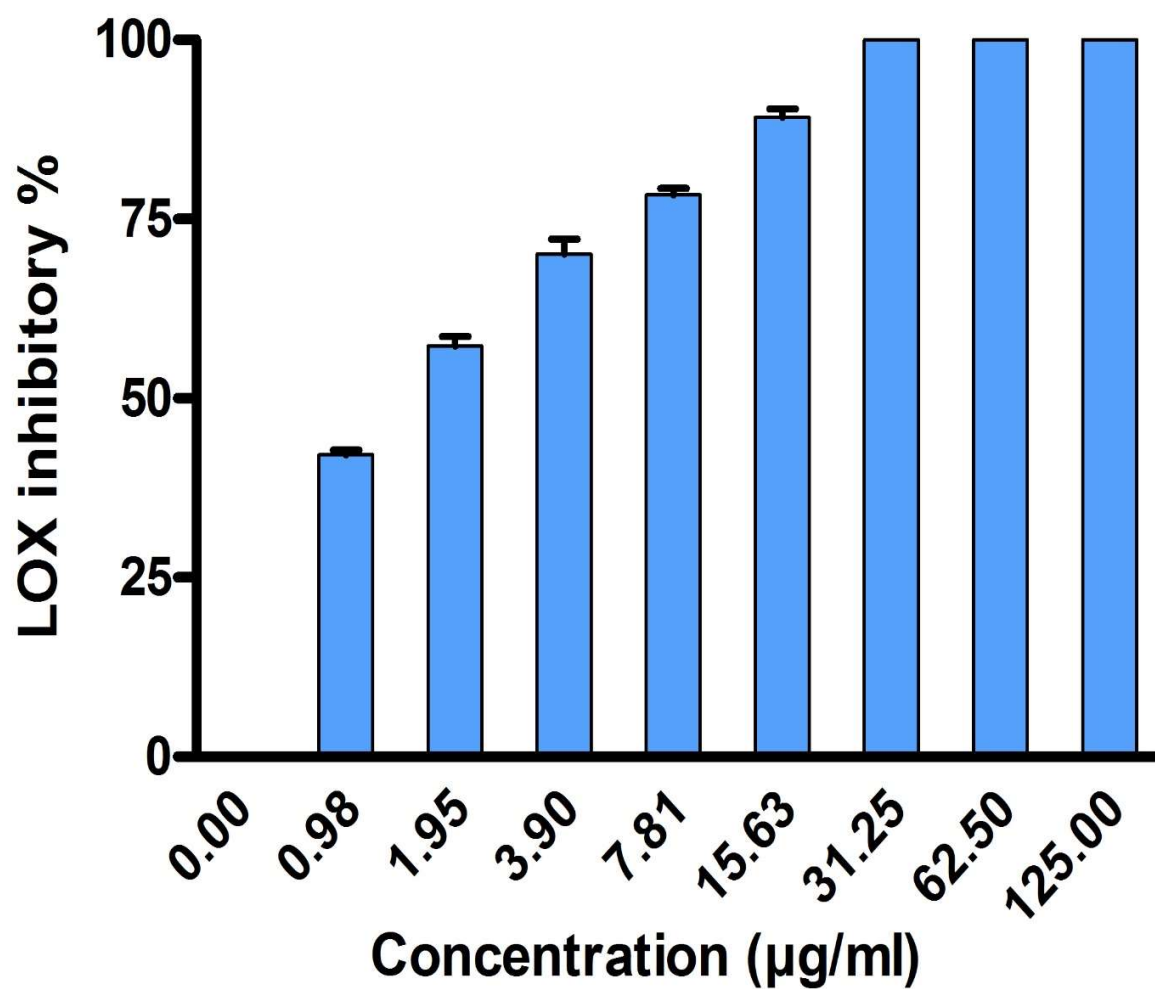


Figure S4: The inhibitory activity of ibuprofen against 5-LOX enzymatic activity.

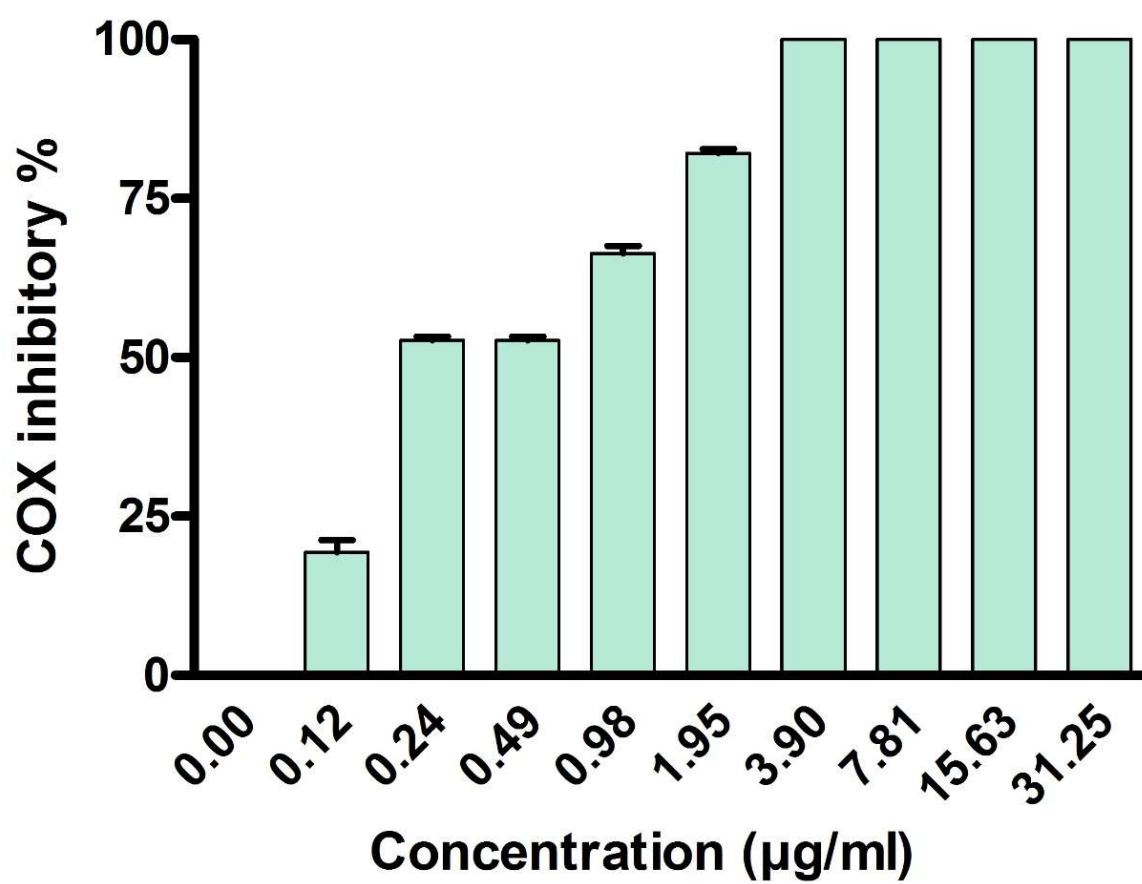


Figure S5: The inhibitory activity of celecoxib against COX-2 enzymatic activity.

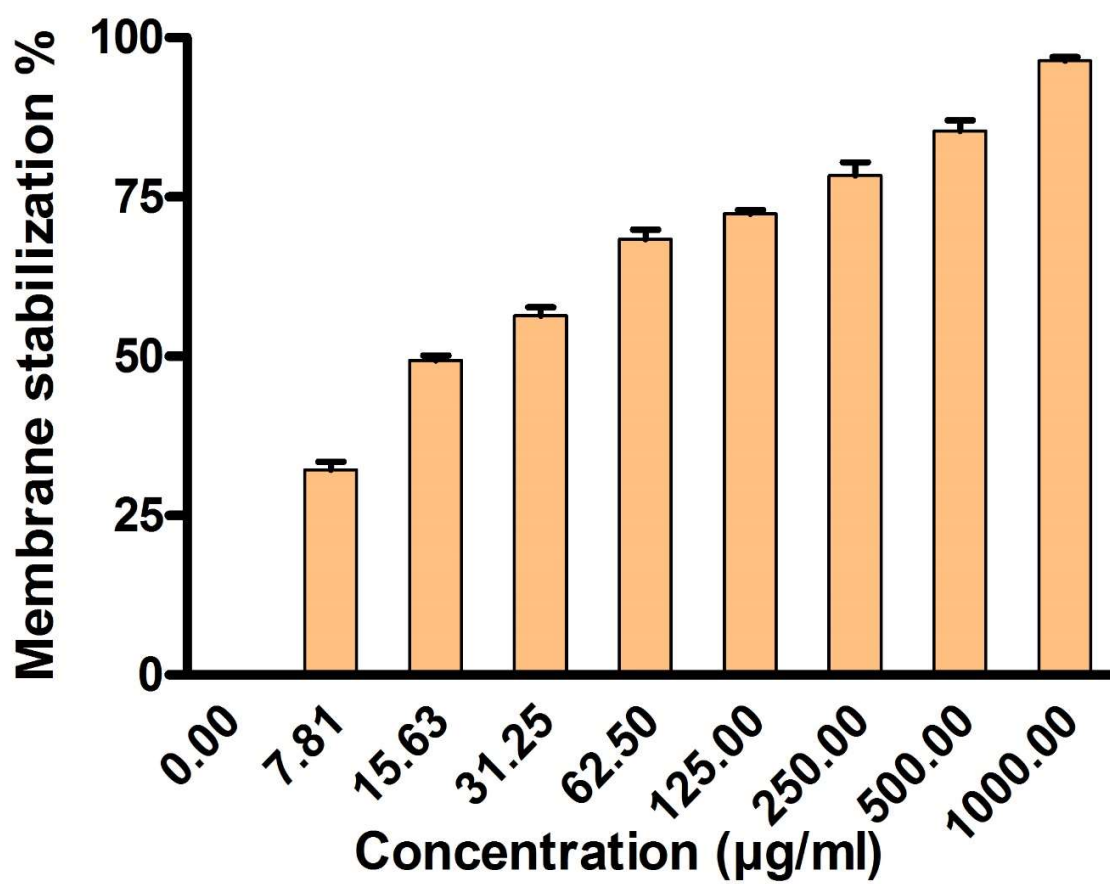


Figure S6: The inhibitory activity of indomethacin against hemolysis activity (membrane stability).

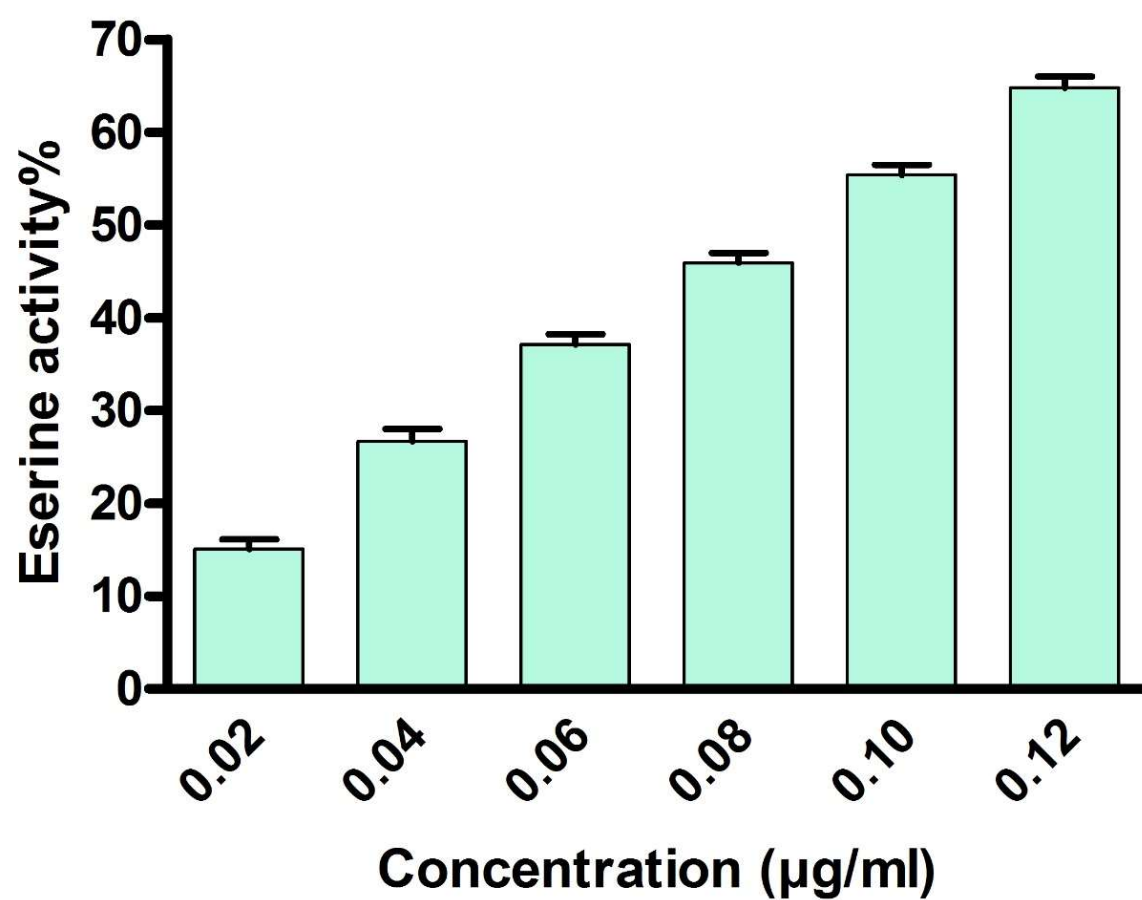


Figure S7: The inhibitory activity of Eserine against acetylcholinesterase activity.