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(71) Applicant: **NANYANG TECHNOLOGICAL UNIVERSITY** [SG/SG]; 50 Nanyang Avenue, Singapore 639798 (SG).

(72) Inventors: **CHAN, Bee Eng Mary**; Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798

(SG). **LI, Peng**; Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798 (SG).

(74) Agent: **MCLAUGHLIN IP PTE LTD**; 24 Mosque Street, Singapore 059504 (SG).

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(54) Title: CATIONIC PEPTIDOPOLYSACCHARIDES WITH EXCELLENT BROAD- SPECTRUM ANTIMICROBIAL ACTIVITIES AND HIGH SELECTIVITY

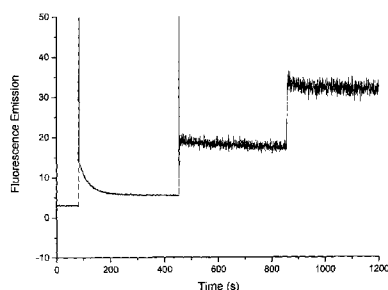
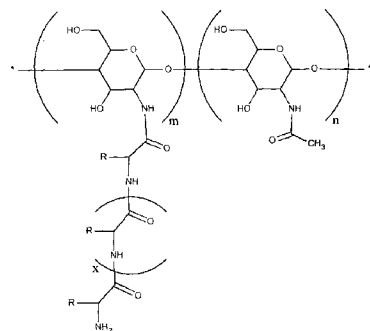


Fig. 6



(I),

(57) Abstract: The disclosure provides cationic peptidopolysaccharides of Formula I: which has a bacterial peptidoglycan-mimetic structure, and shows outstanding broad spectrum activities against clinically significant bacteria and fungi. The structural affinity of these compounds with microbial cell wall constituents promotes its passage to the cytoplasmic membrane resulting in excellent antimicrobial activity and record high selectivity.



MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
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