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(54) Title: SILOXANE DERIVATIVES OF AMINO ACIDS HAVING SURFACE-ACTIVE PROPERTIES

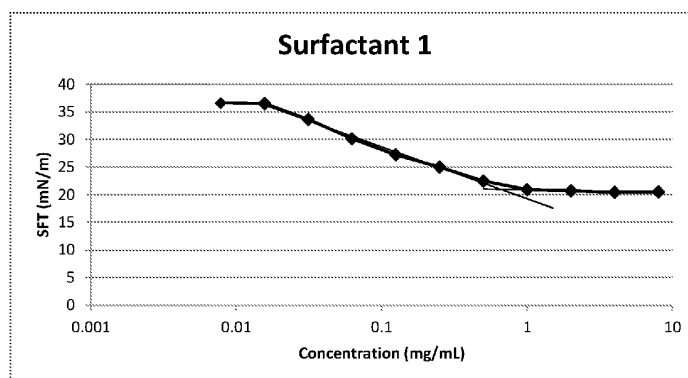


FIG. 1

(57) Abstract: The present disclosure provides siloxane derivatives of amino acids that have surface-active properties. The amino acid can be naturally-occurring or synthetic, or they may be obtained via a ring-opening reaction of a lactam, such as caprolactam. The amino acid may be functionalized with a siloxane group to form a compound that is surface-active and has surfactant characteristics. The compounds have low critical micelle concentrations (CMC) as well as the ability to lower the surface tension of a liquid.

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