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(54) Title: BRANCHED AMINO ACID SURFACTANTS

(57) Abstract: The present disclosure provides derivatives of amino acids that have branched alkyl structures and surface-active prop-
erties. 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 to form a compound that is surface-active and have advantageous surfactant
characteristics. The compounds of the present disclosure have low critical micelle concentrations (CMC) as well as superior ability to
lower the surface tension of a liquid.

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