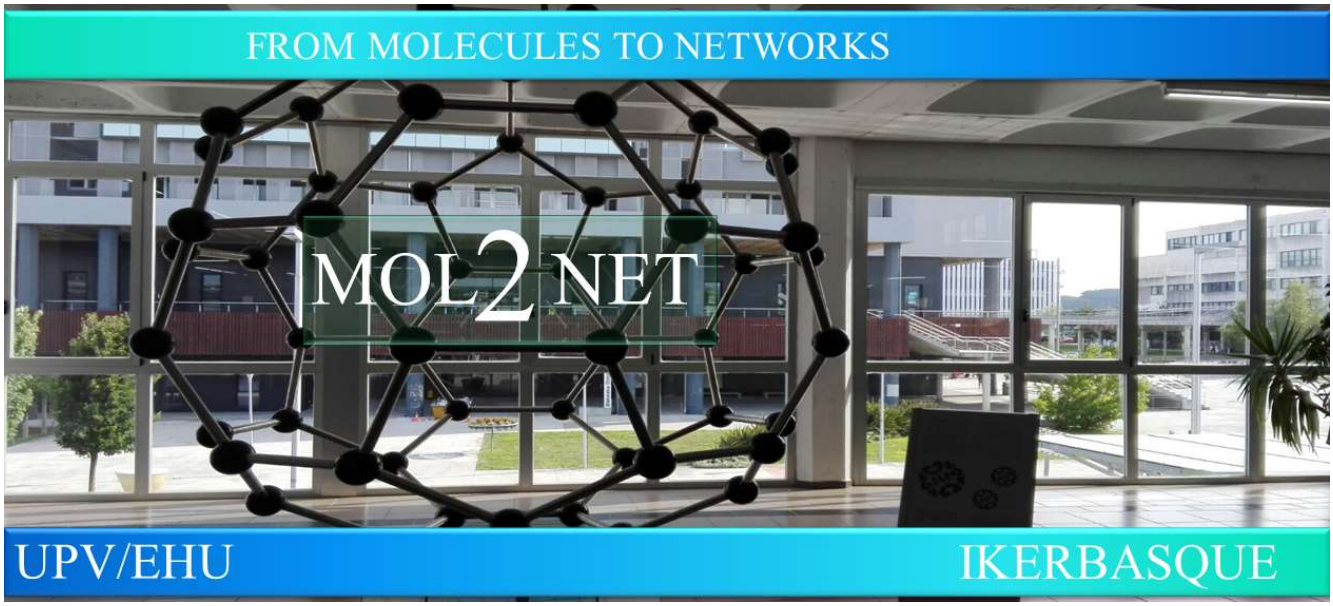
MOL2NET'21, Conference on Molecular, Biomedical & Computational Sciences and Engineering, 7th ed.



Sodium tetradecyl sulfate: An overview based on patents

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Abstract

Sodium tetradecyl sulfate (STS) is a synthetic organic compound that is prepared by the aldol condensation of methyl isobutyl ketone and 2-ethylhexanal, followed by sulfonation of the resulting alcohol. STS is the largest and the most important class of synthetic surfactant used in medicine. It is utilized exclusively as an active ingredient with sclerosing effects. This treatment, called sclerotherapy, has shown efficacy in a number of conditions.

This work in the form of patentability study presents the state by introducing what has been innovated and patented concerning STS. Furthermore, a detailed analysis of the patentability, by using the "chemical compounds search" of The PATENTSCOPE database, has been provided regarding publication years, inventors, applicants, owners, jurisdictions and classifications.