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(54) **DENDRITIC METAL NANOSTRUCTURES**

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C22B 5/20 (2006.01)

(52) **U.S. Cl.** **75/370**; 148/430; 419/23

(58) **Field of Classification Search** 75/255, 75/351, 743
See application file for complete search history.

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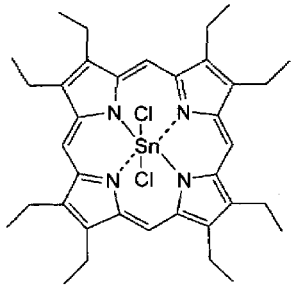
(57) **ABSTRACT**

A method for making dendritic metal nanostructures using a surfactant structure template, a metal salt, and electron donor species.

18 Claims, 10 Drawing Sheets



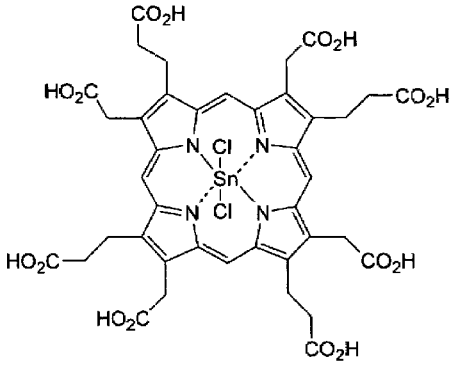
SnOEP

$CH_3(CH_2)_{11}SO_4Na$

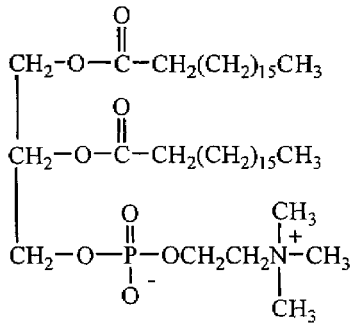
SDS

$CH_3(CH_2)_{11}(OCH_2CH_2)_{23}OH$

Brij-35



SnUroP



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