

Synthesis and biological activity of quaternary phosphonium salts based on 3-hydroxypyridine and 4-deoxypyridoxine

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Abstract

© 2016, Springer Science+Business Media New York. Methods for the synthesis of quaternary phosphonium salts based on 3-hydroxypyridine and 4-deoxypyridoxine were developed. Some of obtained compounds possess high antibacterial and antitumor activity in vitro.

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Keywords

3-hydroxypyridine, 4-deoxypyridoxine, antibacterial activity, antitumor activity, phosphonium salts