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Organotin(IV) Complexes of Aniline Derivatives Part-II - Synthesis and Spectroscopic Characterization of Organotin(IV) Derivatives of 2-[(4-Bromoanilino)carboxyl]benzoic Acid

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Abstract: A series of organotin(IV) complexes with the general formula R_2SnL_2 and R_3SnL , where $R = CH_3, C_2H_5, n-C_4H_9, C_6H_5, C_6H_5CH_2$ and $L = 2-[(4-bromoanilino)carboxyl]benzoate$, were synthesized and characterized by infrared, mass and multinuclear NMR ($^1H, ^{13}C, ^{119}Sn$) spectroscopies. The coordination around tin in solid as well as in solution has been proposed on the basis of spectroscopic results.



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