

Synthesis, Structure Identification of A New Complex of Mercury(II) Containing 8-Aminoquinoline

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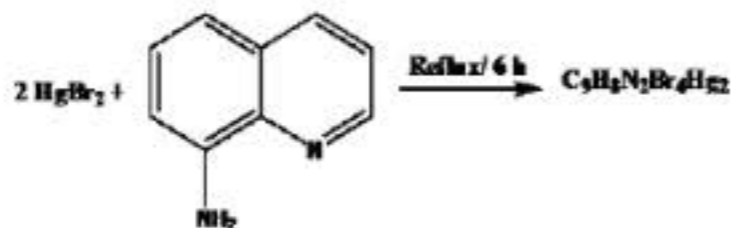
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A new complex of Hg(II) synthesized and characterized by elemental analysis, IR, ¹H and ¹³C NMR spectroscopies. Spectroscopic data shows the chemical formula of resulting complex is [(HgBr₂)₂:8-AQ] (AQ: 8-aminoquinoline). Different noncovalent interactions such as

ion-pairing and hydrogen bonding may play essential factors in the construction of extended networks in the crystal systems as can be observed in the title compound



Reference

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