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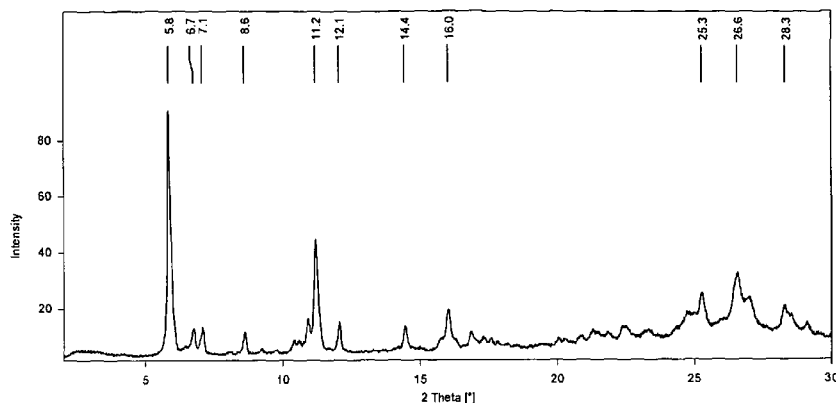
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(54) Title: CRYSTALLINE METHYLTHIONINIUM CHLORIDE HYDRATES

Figure 1



(57) Abstract: Three dihydrate forms B, C and D and a monohydrate form E of methylthioninium chloride are described. Forms B, C, D and E can be prepared under controlled humidity and temperature from methylthioninium chloride with higher water content or conversion of a hydrate. The hydrates can be incorporated in pharmaceutical compositions.