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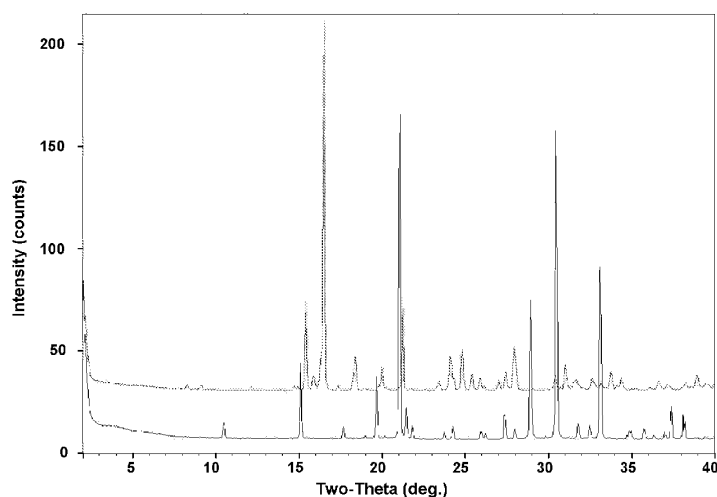
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(54) Title: ANHYDROUS SODIUM THIOSULFATE AND FORMULATIONS THEREOF

FIG. 3



(57) Abstract: Described herein is anhydrous sodium thiosulfate, methods for synthesizing anhydrous sodium thiosulfate, pharmaceutical compositions thereof, and methods of treating ototoxicity. Anhydrous sodium thiosulfate is synthesized from sodium sulfite, sulfur, and cetylpyridinium chloride. The anhydrous sodium thiosulfate is formulated into a pharmaceutical composition comprising a buffer and solvent. These compositions are useful for eliminating or reducing ototoxicity in pediatric patients receiving platinum based chemotherapeutics.

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