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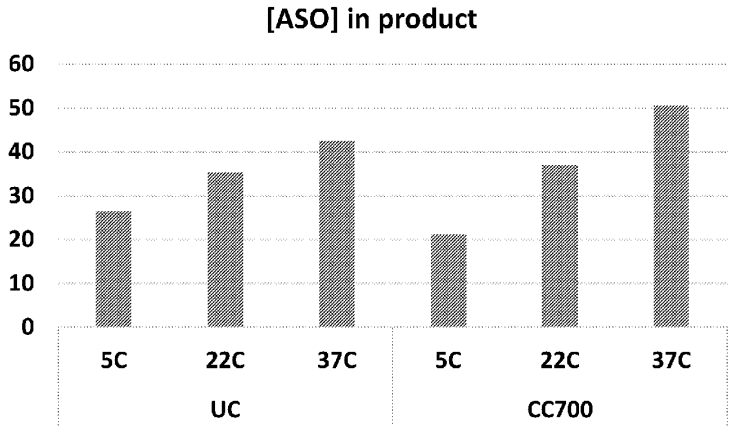
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(54) Title: METHODS OF LOADING EXTRACELLULAR VESICLES

Fig. 1B



(57) Abstract: The present disclosure relates to methods of loading an EV with a payload. In some aspects, the payload and the EV are mixed at a specific loading condition (e.g., at the disclosed salt concentrations, loading temperature, loading duration, payload feed concentration, and/or EV feed concentration), such that the amount of the payload that is associated with the exterior surface of the EV is increased. Also provided herein are methods for producing the extracellular vesicles and methods for using the extracellular vesicles to treat diseases or disorders.

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