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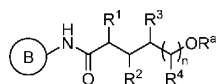
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(54) Title: SMALL MOLECULE ICE RECRYSTALLIZATION INHIBITORS AND METHODS OF USE THEREOF



(A)

(57) Abstract: The present application provides ice recrystallization inhibitors, and methods of synthesis and use thereof. The ice recrystallization inhibitor (IRI) compounds have the structure of Formula (A) where B is an alkyl, or substituted or unsubstituted phenyl. The IRI compounds exhibit good IRI activity and are soluble in water and in buffers, such as those used in cryopreservation.

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