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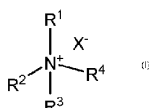
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(54) Title: CHOLINE DERIVATIVES AND COMPOSITIONS AND USES THEREOF FOR CRYOPRESERVATION



(57) Abstract: The present application provides compound of Formula I and cryopreservation compositions comprising one or more compounds of Formula I. The compounds of Formula I are useful to replace or significantly reduce the amount of the commonly used cryopreservation agents DMSO and/or glycerol in cryopreservation compositions. Compounds of Formula I also exhibit ice recrystallization inhibitor activity.



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