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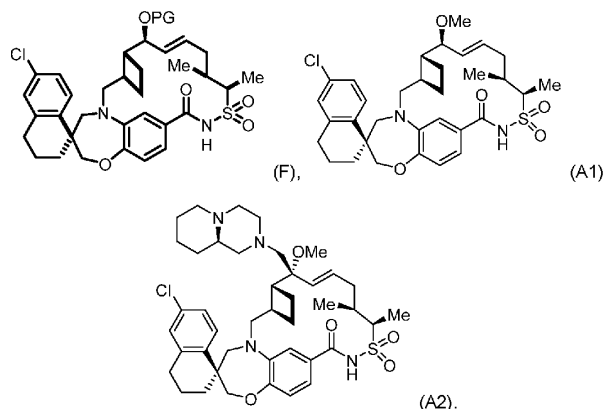
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(54) Title: RING CLOSING SYNTHESIS OF MACROCYCLIC MCL-1 INHIBITOR INTERMEDIATES



(57) Abstract: Provided herein are processes for synthesizing Mcl-1 inhibitors and intermediates such as compound F that can be used to prepare them where the variable PG is as defined herein. In particular, provided herein are processes for synthesizing compound A1, and salts or solvates thereof and compound A2, and salts and solvates thereof.

[Continued on next page]

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