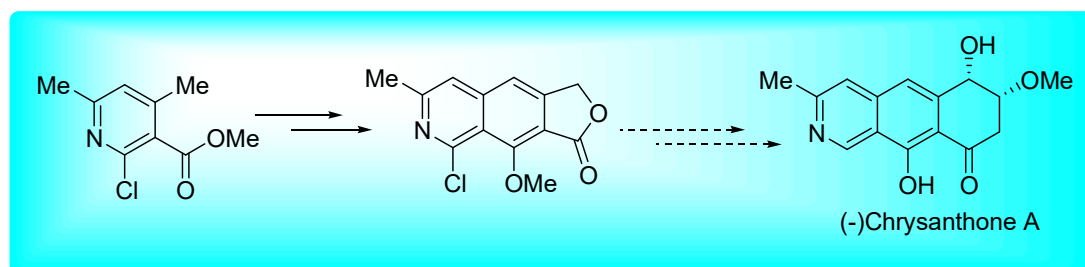


Synthetic Studies Directed Towards (-)-Chrysanthone A: Facile Synthesis of a Tricyclic Lactone Intermediate

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Abstract: (-)-Chrysanthones A is a novel keto-ol compound belong to one relatively small but interesting class of natural products exhibiting many different potent and notable bioactivities like high antiangiogenic and anti-tumoral activity. Here, we have reported the synthetic studies directed for the synthesis of (-)-Chrysanthone A through the high yielding, step economic facile synthesis of appropriate tricyclic lactone derivative.

Keywords: Chrysanthone A, Isoquinolines, Natural Product, Organic Synthesis, Lactone