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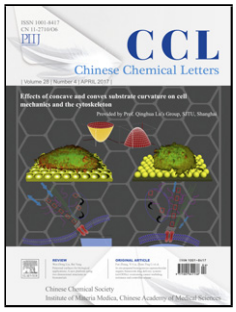

Title: Intracellular enzyme-activatable prodrug for real-time monitoring of chlorambucil delivery and imaging

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Graphical Abstract

Intracellular enzyme-activatable prodrug for real-time monitoring of chlorambucil delivery and imaging

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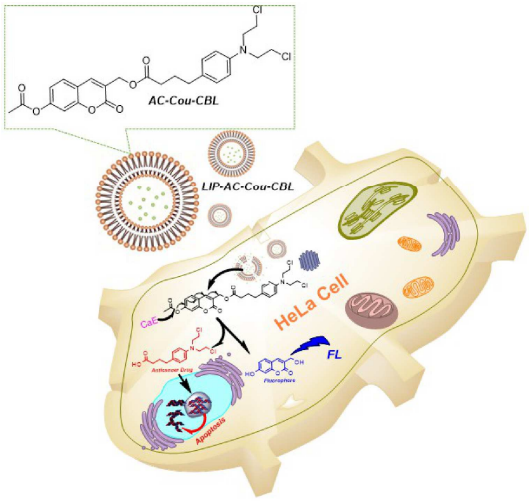

A new carboxylesterase-activatable prodrug has been developed for enzyme-biomarker-triggered drug release and *in situ* monitoring of drug release, therapeutic effect and biomarker level.