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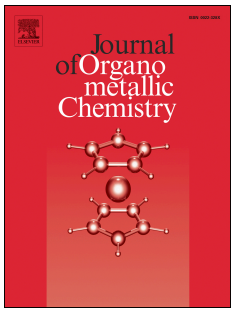

Aspirin-inspired organometallic compounds: Structural characterization and cytotoxicity

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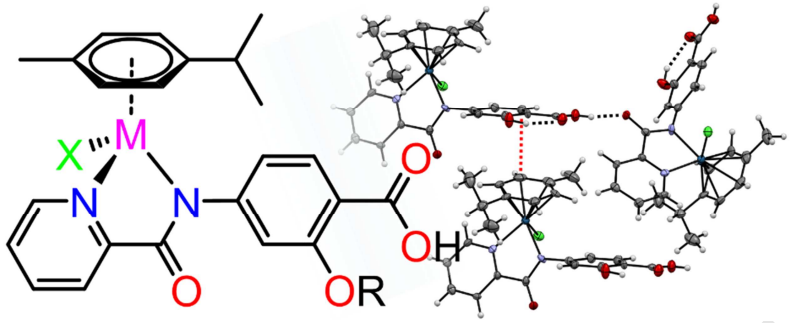

Synopsis

Inspired by the promising anticancer activity of aspirin–metal conjugates, aspirin-derived ligands were prepared and coordinated to organoruthenium and -osmium moieties. Most interestingly, crystallographic studies revealed a network of hydrogen bonding and π-stacking. Surprisingly, none of the prepared compounds showed antiproliferative activity.