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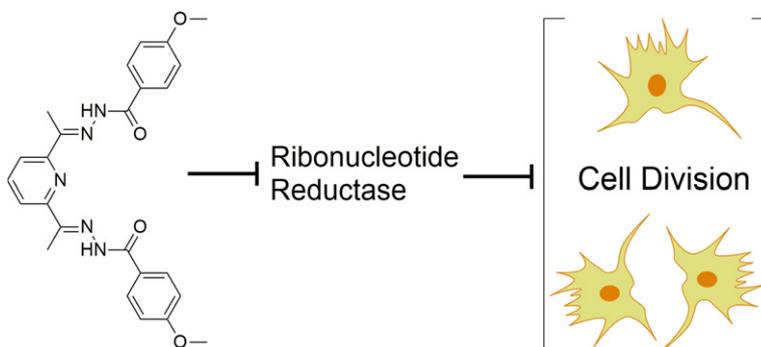
**Synthesis, anticancer activity and mechanism of iron chelator derived from 2,6-diacetylpyridine bis (acylhydrazones)**

Qian Yao<sup>a</sup>, Jinxu Qj<sup>a,b</sup>, Yunyun Zheng<sup>b</sup>, Kun Qian<sup>a</sup>, Lai Wei<sup>a</sup>, Mukedasi Maimaitiyiming<sup>a</sup>, Zhen Cheng<sup>c</sup>, Yihong Wang<sup>a</sup>

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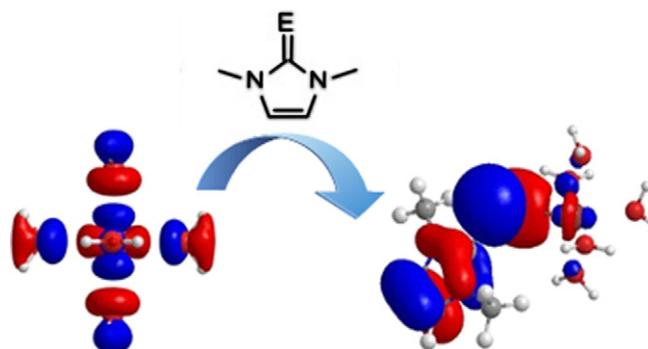


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**DFT modeling of the prevention of Fe(II)-mediated redox damage by imidazole-based thiones and selones**

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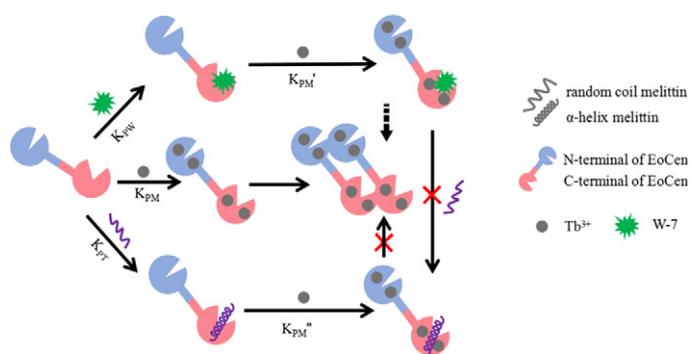
15–24

**N-(6-Aminoethyl)-5-chloro-1-naphthalenesulfonamide, a centrin antagonist, inhibits Tb<sup>3+</sup>/peptides-binding properties**

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