

Supporting Information

Molecular mechanism of inhibition of acid ceramidase by carmofur

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Figure S1. Chemical structure of carmofur and its mechanism of inhibition

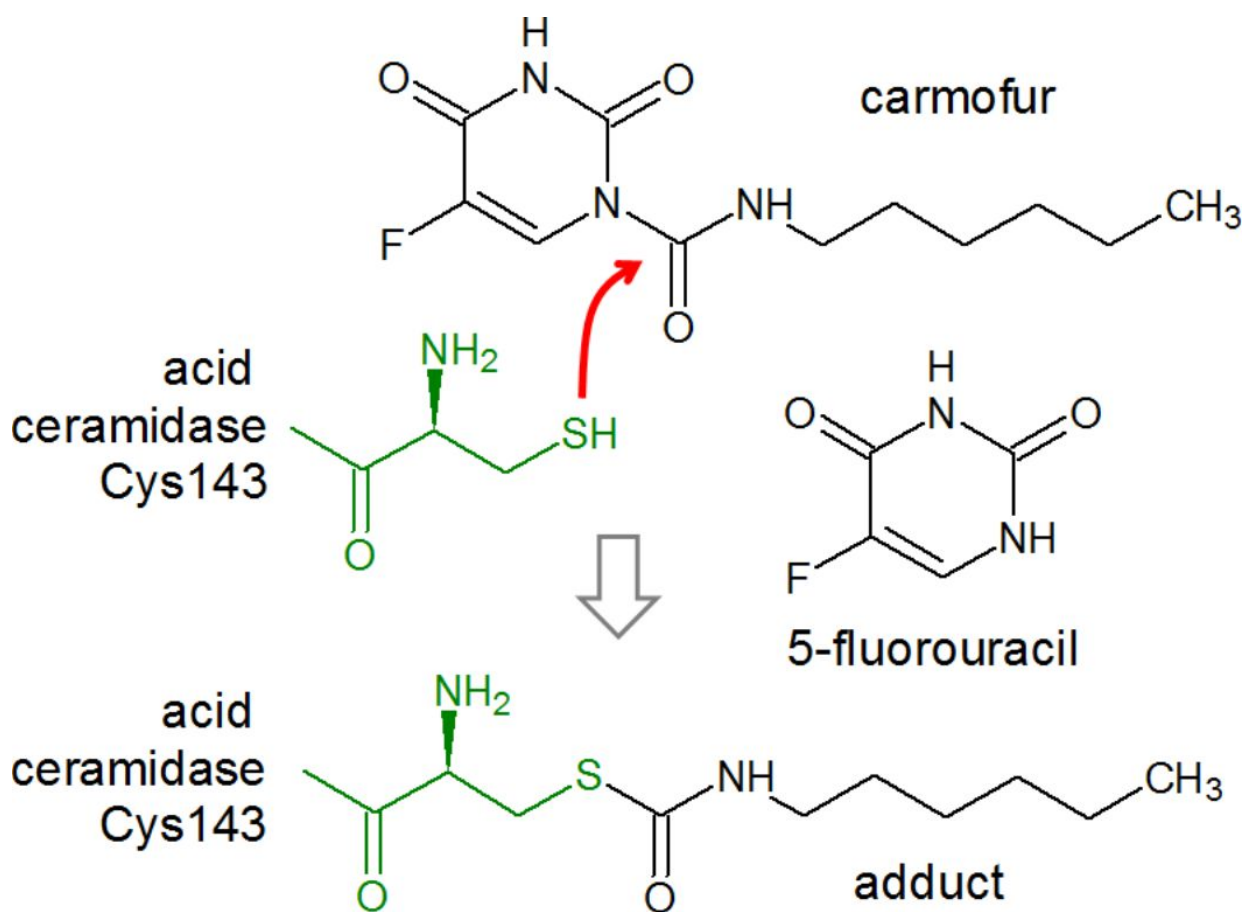


Figure S1. Chemical structures of carmofur and its mechanism of inhibition. (A) Chemical structures of carmofur and 5-fluorouracil are shown, demonstrating the electrophilic carbonyl group attacked by the nucleophilic Cys143 is labeled by the red arrow. The chemical composition of the product formed after the inhibitor cleavage is shown.