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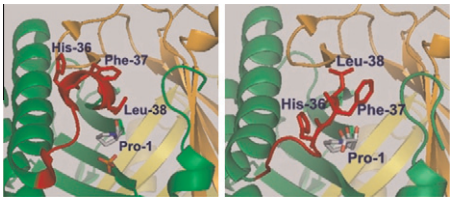
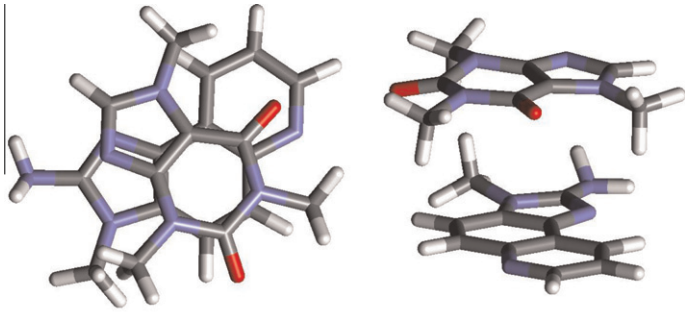
Regular Articles

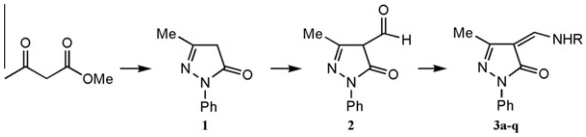


The proposed open (left panel) and closed (right panel) states of *cis*-CaaD.

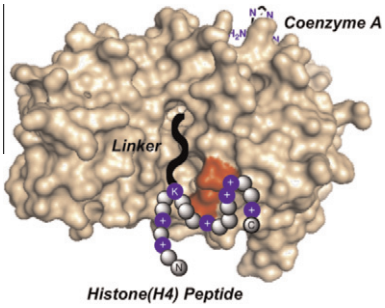


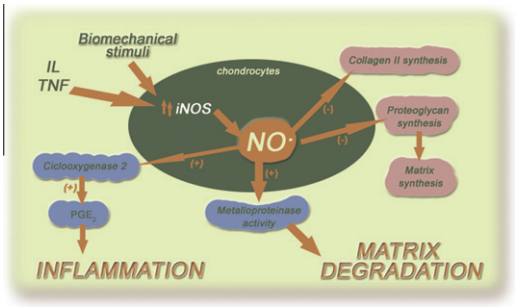
Visualization of the most probable lowest energy stacking complex between Caffeine and 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) from the top view (left panel) and from the side view (right panel), obtained by molecular modeling.

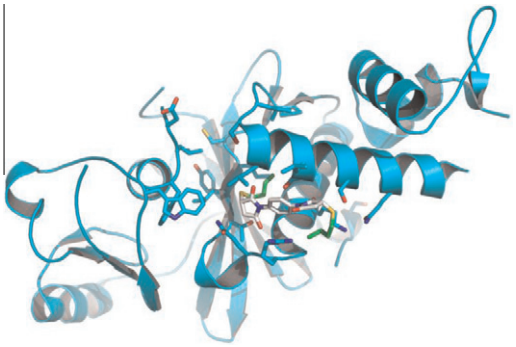
Visualization of spatial structure of Caffeine – IQ hetero-complex



Aminomethylidene derivatives obtained from 4-formyledaravone and primary amines were synthesized and tested for their antitumor activity. The compound containing 5-phenylpyrazole moiety was found to be the most active against human breast cancer MDA-MB-361 and MDA-MB-453 cell lines.







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