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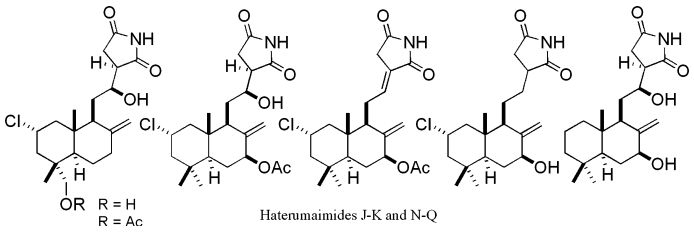
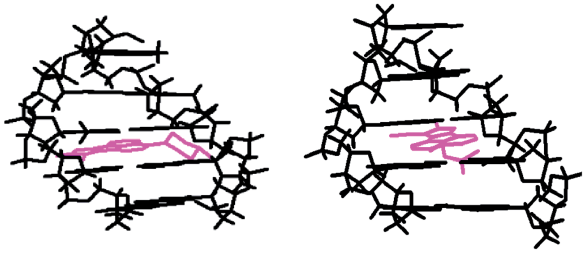
ARTICLES

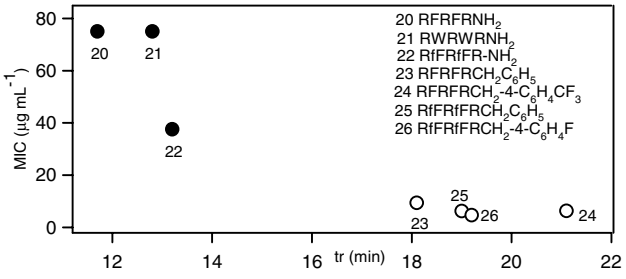


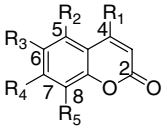
Haterumaimides J-K and N-Q

Four new cytotoxic labdane alkaloids, haterumaimides N–Q were isolated from the ascidian *Lissoclinum* sp. Their structures and SAR studies of this series of alkaloids are described.

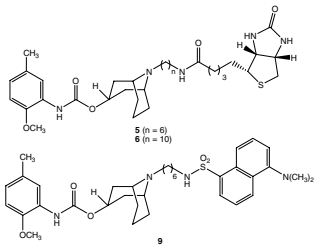


It contributes much more to the antitumor property for the geometry of intercalator–DNA complexes than the binding affinity.

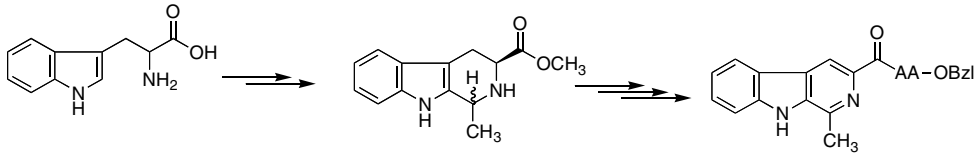


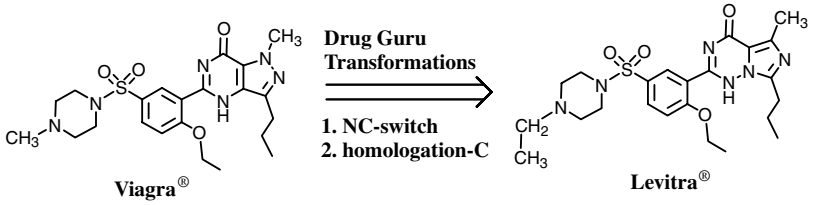


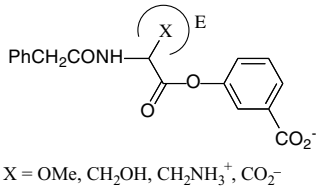
R_1 = H, picolinyl or phenyl
R_2 and R_4 = H, OH, O-prenyl
R_3 and R_5 = acyl, prenyl (cyclic or acyclic), …



Synthesis and in vitro binding of a series of molecular probes for studying the function of the σ_2 receptor.







X = OMe, CH_2OH, $CH_2NH_3^+$, CO_2^-

OTHER CONTENTS

*Corresponding author

ⓘ+ Supplementary data available via ScienceDirect

COVER

2006: The cover figure shows a synthetic multifunctional pore that is composed of rigid-rod staves (para-octiphenyls, tan) and beta-sheet hoops (arrows) and can be activated with external ligands (fullerenes, golden spheres) and closed with internal blockers (alpha-helix, red ribbon) [Gorteau, V.; Bollot, G.; Mareda, J.; Pasini, D.; Tran, D.-H.; Lazar, A. N.; Coleman, A. W.; Sakai, N.; Matile, S. *Bioorg. Med. Chem.* **2005**, *13*, 5171–5180].

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