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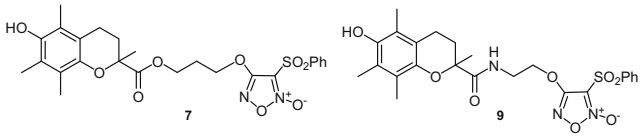
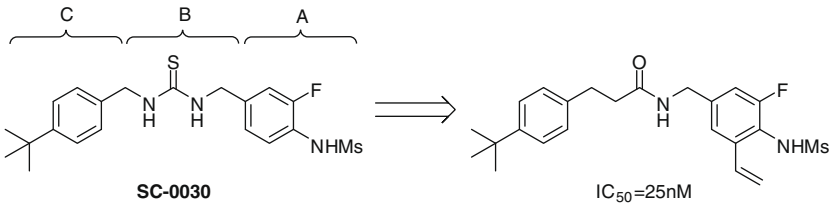
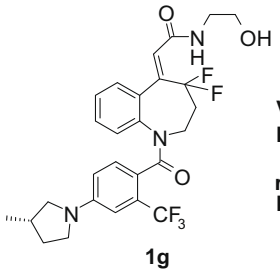
Contents

ARTICLES

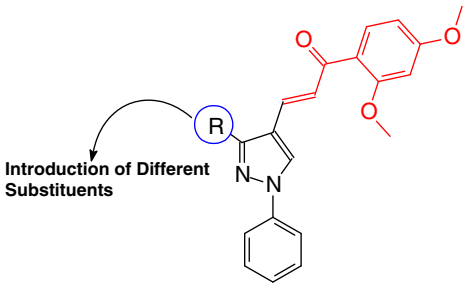


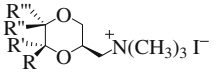




V_2 agonistic activity (in vitro):
EC_{50} = 1.0 nM

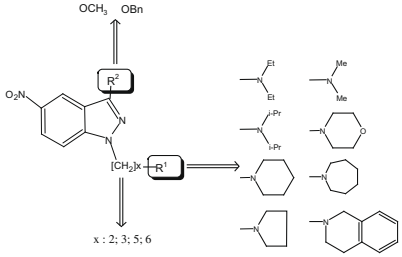
rat anti-diuretic activity (in vivo):
ED_{50} = 0.012 mg/kg *po*



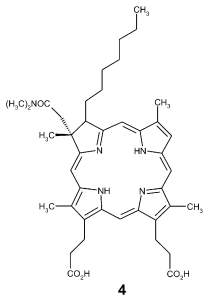


4: R = R''' = CH_3; R' = R'' = H
5: R = R''' = H; R' = R'' = CH_3
8: R = R' = CH_3; R'' = R''' = H

The novel ligands **4**, **5**, and **8** selectively activate M_3 muscarinic receptors.

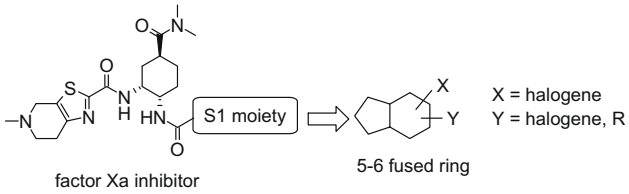


New 5-nitroindazole derivatives were developed and studied as antiproliferative *Trypanosoma cruzi* agents.

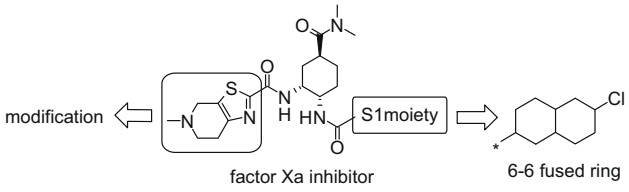


4

We describe spectroscopic and biological properties of a novel chlorin dicarboxylic acid **4** which is promising candidate for applications in PDT.



A series of *cis*-1,2-diaminocyclohexane derivatives possessing a 5–6 fused ring were synthesized as potent factor Xa (fXa) inhibitors.



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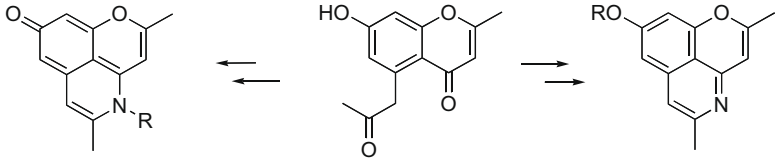

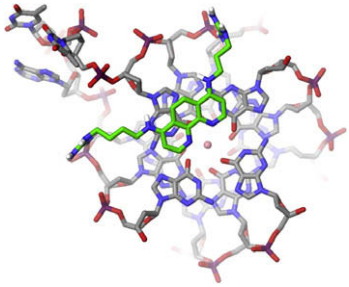

*Corresponding author
Supplementary data available via ScienceDirect

COVER

An insight into biologically relevant chemical space showing the scaffolds of potential natural-product based inhibitors orbiting their target, the protein structure of protein 11-beta steroid dehydrogenase (PDB code 1xu7). Graphic produced using Pymol (http://www.pymol.org). [M. A. Koch, A. Schuffenhauer, M. Scheck, S. Wetzel, M. Casaulta, A. Odermatt, P. Ertl, H. Waldmann, Charting biologically relevant chemical space: A structural classification of natural products (SCONP), *PNAS* **2005**, *102*, 17272–17277 and S. Wetzel, H. Waldmann, Cheminformatic analysis of natural products and their chemical space, *Chimia* **2007**, *61*(6), 355–360].

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