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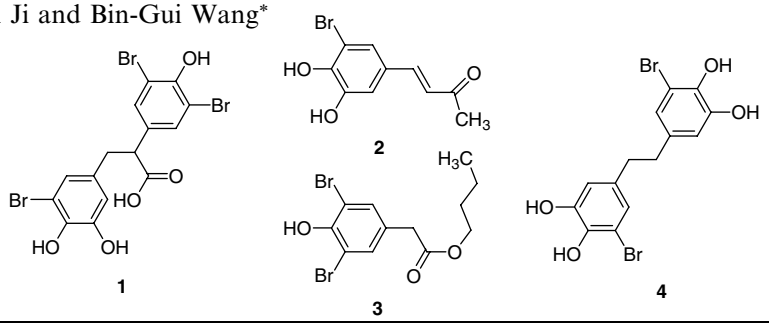
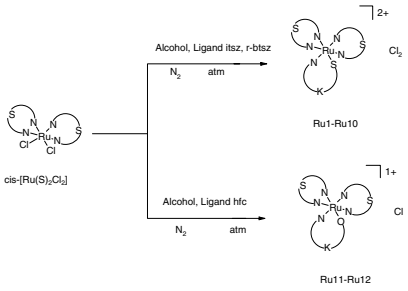
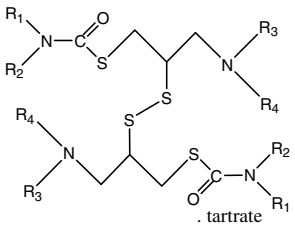
Contents

ARTICLES







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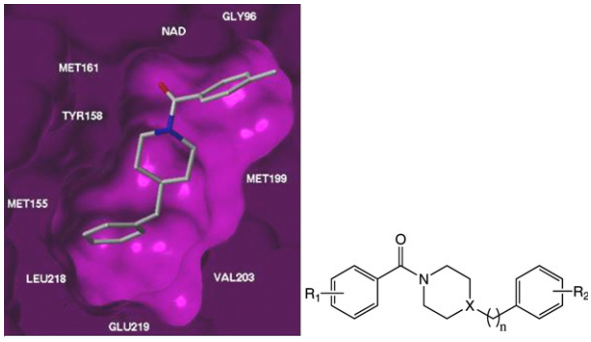
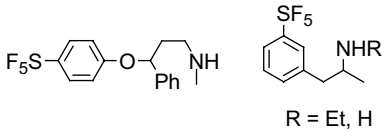
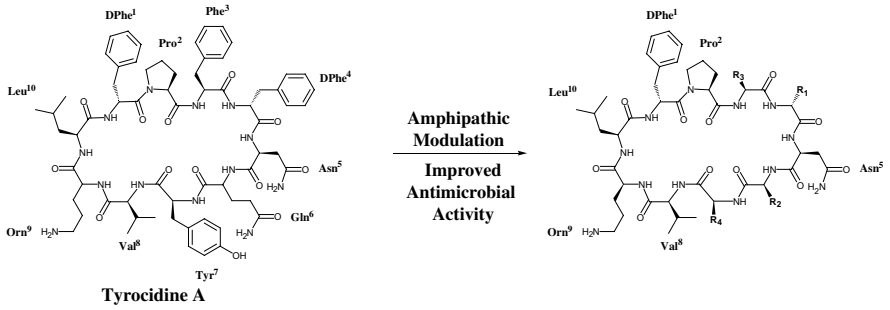


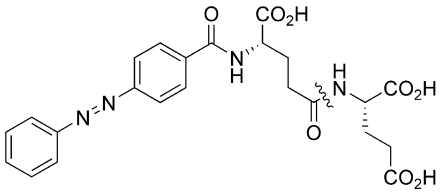


The affinity of the pentafluorosulfanyl analogs of fluoxetine, fenfluramine, and norfenfluramine for a panel of 5-HT receptors has been determined. The affinity of the analogs is compared and contrasted with that of the parent compounds.

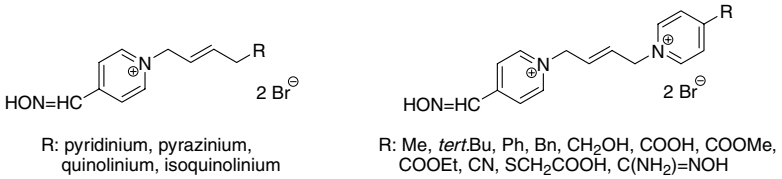


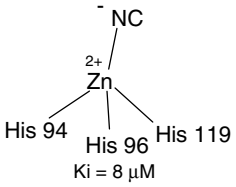
Tyrocidine A

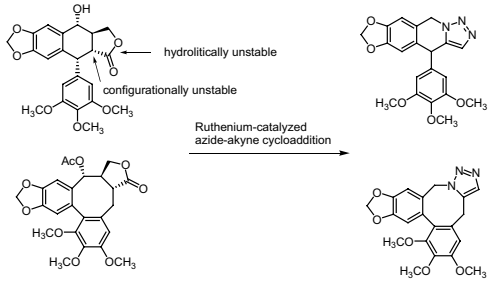
A series of potential PSMA substrates was prepared that explored acidic residues at the P1 position and various chromophores at the P2 position, while keeping the P1′ residue constant as L-Glu. The substrate 4-phenylazobenzoyl-Glu-γ-Glu was found to be proteolyzed most efficiently.

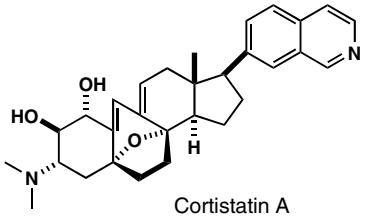


4-phenylazobenzoyl-Glu-γ-Glu

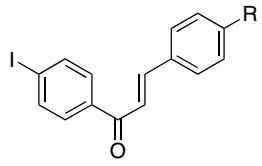






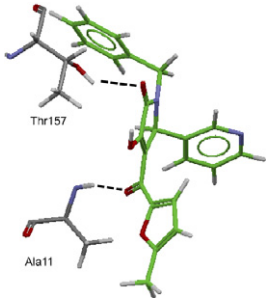


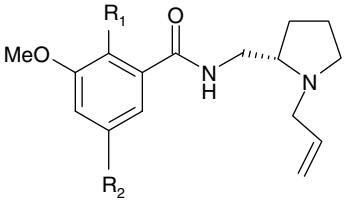
Eleven steroidal alkaloids named cortistatins were isolated from the marine sponge *Corticium simplex* as anti-angiogenic agents. The detailed structure–activity relationship and biological property of these cortistatins are presented.

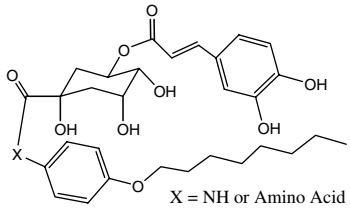


R = NH_2, $NHCH_3$, $N(CH_3)_2$, OCH_3, OH

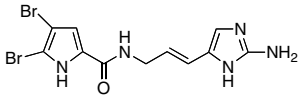
A UCH-L3 inhibitor (1-benzyl-3-hydroxy-4-(5-methyl-2-furoyl)-5-(3-pyridinyl)-1,5-dihydro-2*H*-pyrrol-2-one) identified by virtual screening is shown.



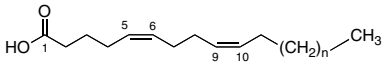




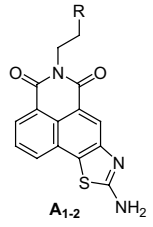
The synthesis of the chlorogenic acid derivatives with in vitro antifungal activity is reported.



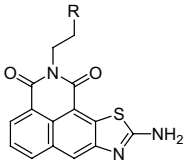
oroidin (**4**)



7 n: 11 (5*Z*,9*Z*)-5,9-tricosadienoic acid, 23:2)
8 n: 12 (5*Z*,9*Z*)-5,9-tetracosadienoic acid, 24:2)
9 n: 13 (5*Z*,9*Z*)-5,9-pentacosadienoic acid, 25:2)
10 n: 14 (5*Z*,9*Z*)-5,9-hexacosadienoic acid, 26:2)

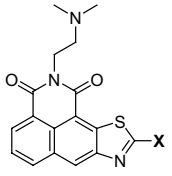


A1-2

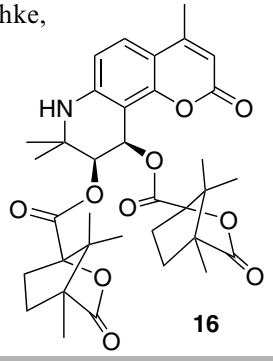


B1-2

A1, B1: R=N(CH3)2
A2, B2: R=CH2N(CH3)2



C: X=H
D: X=OH
E: X=Cl
F: X=NH(CH2)2N(CH3)2



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*Corresponding author
ⓘ+ Supplementary data available via ScienceDirect

COVER

Terfenadine (an antihistamine pulled from the market in 1997) bound to a model of an open form of the homo-tetrameric pore domain of hERG, produced using Schrödinger's ''Induced Fit Docking'' technology [Farid, R.; Day, T.; Friesner, R. A.; Pearlstein, R. A. *Bioorg. Med. Chem*. **2006,** *14*, 3160–3173].

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