

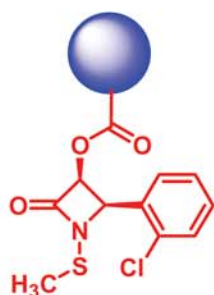
# CMD<sup>5</sup>

## Center for *Molecular Diversity in Drug Design, Discovery, and Delivery*

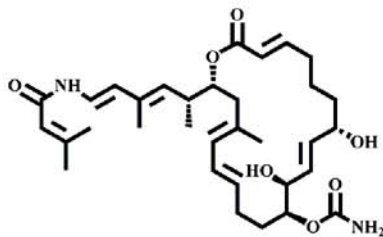
**CMD<sup>5</sup> Mission:** *To advance science and education in the discovery, design, synthesis and development of structurally diverse biologically-relevant molecules and drug delivery modes for the prevention and cure of human diseases*



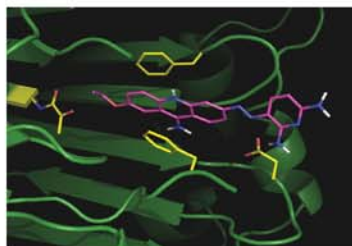
CMD<sup>5</sup> offers interdisciplinary BS/MS and PhD degrees focused in drug discovery  
More than 20 CMD<sup>5</sup> faculty members perform independent and collaborative research in multiple areas of drug discovery



Drug synthesis and delivery  
Alzheimers/Parkinsons drugs  
Synthetic methodologies  
Bioanalytical methods  
Nanoparticle antibiotics  
Protein expression  
Peptide synthesis  
Bioassay development



Antibiotics and anticancer agents  
Natural products  
Nutraceutical R&D  
Biopolymer design and synthesis  
Computational drug design  
Bio-NMR and mass spectrometry  
High-throughput biotesting  
Infectious/neglected diseases



FOR MORE INFORMATION GO TO:  
<http://chemistry.usf.edu/cmd5>

**USF** UNIVERSITY OF  
SOUTH FLORIDA