

# Evaluation of QSPR Techniques for Wastewater Treatment Processes

## Funding Agency:

- Water Environment Research Foundation

## Principal Investigators:

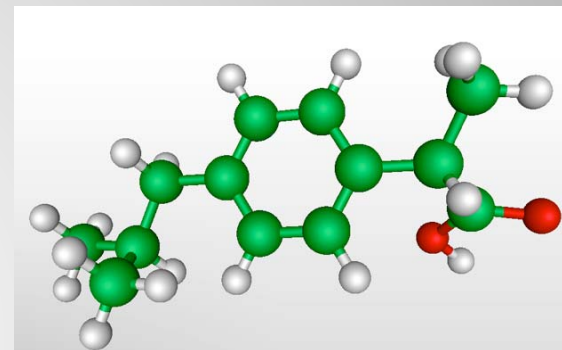
- Eric Dickenson, Ph.D. (PI), CSM
- Jörg Drewes, Ph.D. (CoPI), CSM
- Stuart Khan, Ph.D., (CoPI), UNSW

## CSM Students/Faculty Participating:

- John Stevens-Garmon
- Nate Rothe, M.S.
- Anna Hoessle, M.S.

Start date: July, 2008

End Date: October, 2009



# Project Objectives

- To evaluate quantitative structure property relationship (QSPR) techniques for screening the fate of TOrCs during biological, such as biotransformation and biosorption, and chlorine oxidation treatment processes.
- The final product of the project will provide utilities guidance on the appropriate tools for quickly screening a TOrC of concern and thus a meaningful response in regards to exposure assessment and the fate of the compound.

