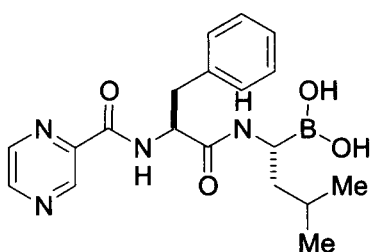
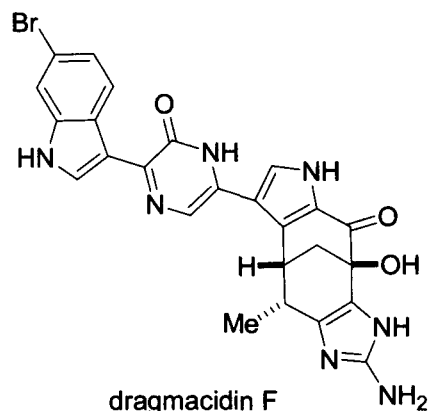
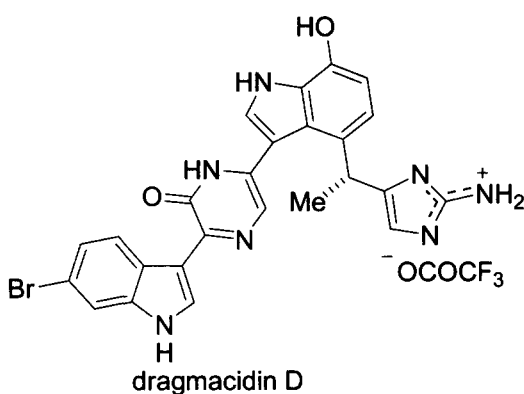
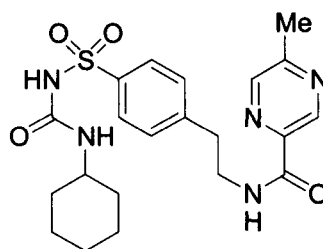


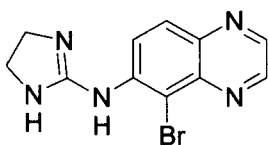
activity against Alzheimer's disease,⁷ central nervous disorders,⁸ drug abuse,⁹ as well as displaying characteristics of antiviral,¹⁰ antitumor, antibacterial, antifungal, anti-inflammatory, anti-tubercular,¹¹ anticonvulsant, anti-malarial, antileishanial, and trypanocidal agents.^{1,12}



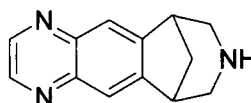
Malignancy of bone marrow



Antidiabetic



Antiglaucoma agent



Smoking Cessation

12.2 Formation of Diazines

Formation of pyrazines and quinoxalines has been a focal point of many years of study. The most common method to make these rings relies on the condensation of 1,2-diamines with 1,2-dicarbonyls in ethanol or acetic acid in 35–85% yields.¹ The mechanism proceeds through a double imine formation.¹³ Recently improved methods have been reported, employing transition-metal catalysis^{13,14} and microwaves.¹⁵