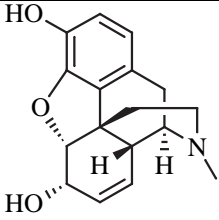

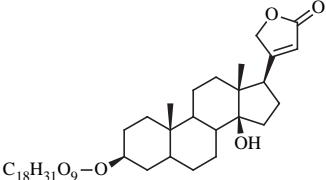

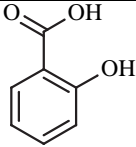

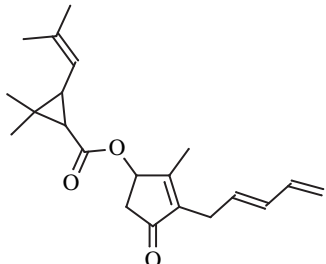

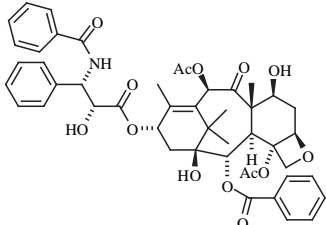

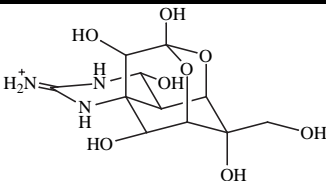

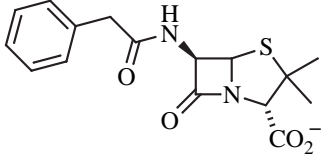
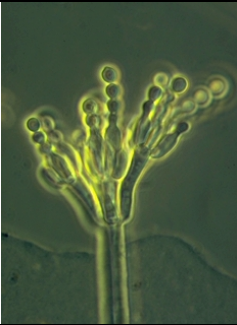
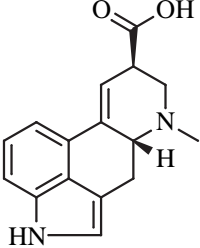

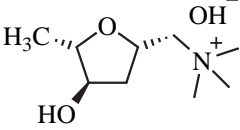

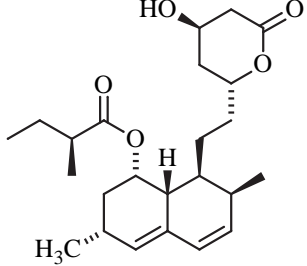
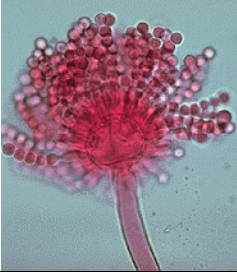
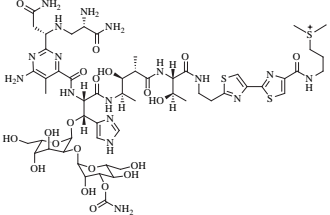

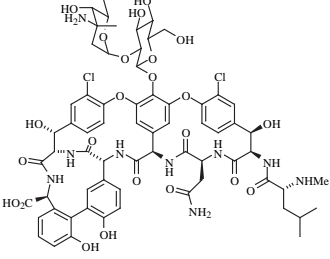
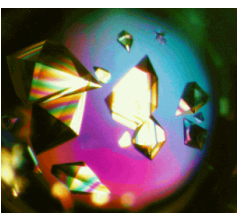


Examples of Secondary Metabolites

Name	Chemical Structure	Species		Uses
Morphine		<i>Papaver somniferum</i> (Poppy)		Pain control
Digitoxin		<i>Digitalis purpurea</i> (Foxglove)		Treatment of congestive heart failure and to control ventricular rate
Salicylic acid		<i>Salix sp.</i> (Willow)		Analgesic Anti-inflammatory
Pyrethrin I		<i>Compositae</i> family (Including <i>Chrysanthemum</i> and <i>Pyrethrum pulchrum</i>)		Insecticide
Taxol		<i>Taxus brevifolia</i> (Pacific Yew)		Anticancer agent
Tetrodotoxin		<i>Lagocephalus lagocephalus</i> (Puffer fish)		Poison

<p>Penicillin</p>		<p><i>Penicillium sp.</i></p>		<p>Antibiotic</p>
<p>Lysergic acid</p>		<p><i>Claviceps sp.</i> (Ergot)</p>		<p>Poison</p>
<p>Muscarine</p>		<p><i>Amanita muscaria</i> (Fly agaric)</p>		<p>Poison Parasympathomimetic</p>
<p>Lovastatin</p>		<p><i>Aspergillus terreus</i></p>		<p>Lowering of Cholesterol</p>
<p>Bleomycin (bleocin)</p>		<p><i>Streptomyces verticillus</i></p>		<p>Antitumour antibiotic</p>
<p>Vancomycin</p>		<p><i>Nocardia orientalis</i> (actinomycete formerly known as <i>Streptomyces orientalis</i>)</p>		<p>Antibiotic</p>