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(54) Title: CLEAVAGE OF RNA USING METAL COMPLEXES (57) Abstract <p>A particular class of metal complexes, specifically certain texaphyrin metal complexes, which both hydrolyze and photocleave ribonucleic acid, and which also both hydrolyze ribonucleic acid and photocleave deoxyribonucleic acid, is provided. The texaphyrin metal complex for each set of reactions has catalytic activity for phosphate ester hydrolysis and is photosensitive. A complex having the advantage of multiple activities can result in lower treatment dosages and lower treatment costs.</p>		