Synthesis of Monomeric Acridine Derived Nucleic Acid Intercalators

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A series of antiviral compounds consisting of an intercalating acridine derived part, a spacer region and a reactive EDTA-derived conjugate was synthesized in an easy sequence. In the presence of ascorbate a reduction of the phage-titer of MS2 phages by several logarithmic decades was achieved.

Key words: Acridine, Antivirals, Intercalators, Fenton Mechanism