**BIOLOGICAL ACTIVITY:**

Busulfan is a bifunctional alkylating agent.

Target: DNA alkylator/Crosslinker

Busulfan, a cytotoxic alkylating agent used for treatment of chronic myeloid leukemia has effects in mammalian germ cells [1]. Busulfan is bifunctional and thus may effectively induce DNA damage, which may play an important role in the cytotoxicity. Busulfan induced DNA damage dose–dependently, busulfan caused double–base lesions mainly at 5’–GA–3’ and, to a lesser extent, at 5’–GG–3’ sequences [2].

References:
