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Antitumor effects of the benzophenanthridine alkaloid sanguinarine: Evidence and perspectives

Roberta Gaziano, Gabriella Moroni, Cristina Buè, Martino Tony Miele, Paola Sinibaldi-Vallebona, Francesca Pica

Abstract

Historically, natural products have represented a significant source of anticancer agents, with plant-derived drugs becoming increasingly explored. In particular, sanguinarine is a benzophenanthridine alkaloid obtained from the root of *Sanguinaria canadensis*, and from other poppy *Fumaria* species, with recognized anti-microbial, anti-oxidant and anti-

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