

Cytotoxic Hybrids Between the Aromatic Alkaloids Bauerine C and Rutaecarpine

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Two hybrids between the alkaloids bauerine C and rutaecarpine were prepared. Screening for cytotoxic activity revealed that introduction of two chlorine substituents to the quinazolinocarboline core of rutaecarpine strongly enhances cytotoxic activity, whereas methylation at the indole nitrogen is detrimental to activity.

Key words: Cytotoxic Activity, Hybrids, Bauerine C, Rutaecarpine, Alkaloids