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Methyl 2,5-dihydroxycinnamate

National Cancer Institute

Source

National Cancer Institute. *Methyl 2,5-dihydroxycinnamate*. NCI Thesaurus. Code C1305.

A cell-permeable analog of erbstatin, a compound isolated from *Streptomyces* that inhibits the autophosphorylation of epidermal growth factor receptor. Erbstatin analogue competitively inhibits epidermal growth factor receptor-associated tyrosine kinase, inhibiting the activation of v-abl tyrosine kinase. In addition, this agent has induced apoptosis in mouse thymocytes and inhibits the G2/M phase of the cell cycle. (NCI)