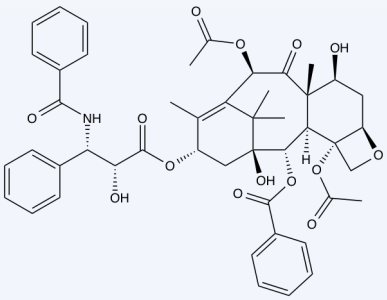
FOCUS on...

Cytoskeleton



Taxol

Many other cytoskeleton modulators are available. Get lower prices and next day delivery on:

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Tools for modifying actin or microtubule polymerization

Taxol

Chemotherapeutic agent for the treatment of breast, non-small cell lung and ovarian cancer[1]. Acts as a promoter of tubulin polymerization and stabilizes microtubules in vitro and in vivo resulting in arrest of cells in the G2 and M phase of the cell cycle.

10-2095 — 5 mg , 25mg

Docetaxel

Antimitotic chemotherapeutic which inhibits via reversible high-affinity binding to microtubules[2]. Induces apoptosis in a variety of cancer cell lines. Can act in synergy with a other anticancer agents including kinase inhibitors.

10-2286 — 5 mg , 25mg

Latrunculins

Inhibit actin polymerization and disrupt microfilament organization. Significantly more potent than cytochalasins in the disruption of microfilament mediated processes[3].

Latrunculin A	10-2254	100 µg , 1mg
Latrunculin B	10-4303	100 µg , 1mg

Ansamitocin P-3

Maytansinoid with potent cytotoxic activity[4]. Binds to the rhizoxin/phomopsin binding site on tubulin causing microtubule disassembly and preventing tubulin spiralization[4].

10-2199 — 1 mg , 5mg

Epothilone B

Stabilizes microtubules and promotes tubulin polymerization inducing G_2-M cell cycle arrest[5]. Displays potent cytotoxic activity in a variety of cell lines and mouse models.

10-2133 — 1 mg , 5 mg

Nocodazole

A microtubule polymerization inhibitor that is widely used to induce mitotic arrest and cell synchronization. Recently has been shown to inhibit a number of cancer-related kinases including ABL, c-Kit, BRAF, MEK1, MEK2, and MET[6].

10-2387 — 10 mg , 50 mg

References

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