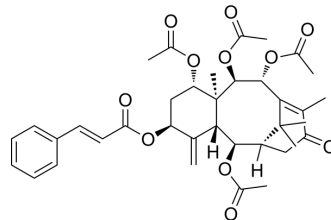


## Taxinine B

Cat. No.:	HY-N1171
CAS No.:	18457-44-8
Molecular Formula:	C <sub>37</sub> H <sub>44</sub> O <sub>11</sub>
Molecular Weight:	664.74
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Taxinine B is a taxoid that can be isolated from Japanese Yew *Taxus Cuspid*. Taxinine B inhibits CaCl<sub>2</sub>-induced depolymerization of microtubule. Taxinine B is useful for overcoming multidrug resistance in tumor cells<sup>[1]</sup>.

### REFERENCES

[1]. Juníchi Kobayashi, et al. Taxuspines A-C, new taxoids from Japanese yew *Taxus cuspidata* inhibiting drug transport activity of P-glycoprotein in multidrug-resistant cells. *Tetrahedron*. 1994. 50 (25), 7401-7416.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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