

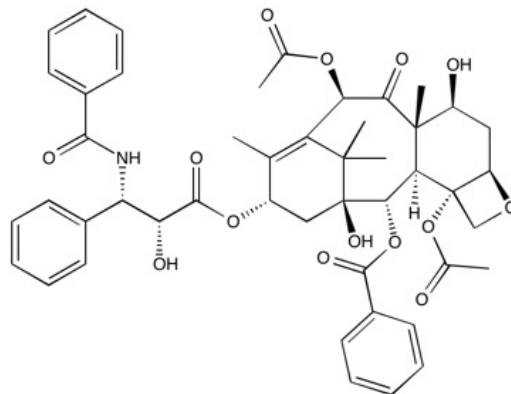
## Taxol, Microtubule stabilizing agent

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Catalog	Unit
TBI2095-5MG	5 mg
TBI2095-25MG	25 mg

### Product Details

**Alternate Names:** Paclitaxel  
**Molecular Formula:** C<sub>47</sub>H<sub>51</sub>NO<sub>14</sub>  
**Formula Weight:** 853.91  
**CAS Number:** 33069-62-4  
**Purity:** >98%  
**Formulation:** powder  
**Solubility:** Soluble in DMSO (up to 50 mg/ml).  
**Storage:** -20°C  
**Stability:** ≥ 1 year.



### Applications

Microtubule stabilizing agent

### Functions

Taxol is a clinically useful cancer chemotherapeutic agent for the treatment of breast, non-small cell lung and ovarian cancer. It 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.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

**For research use only.**