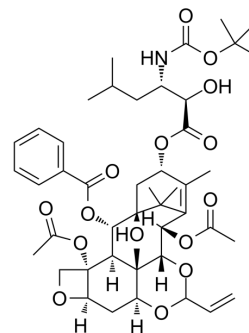


## TPI-287

Cat. No.:	HY-126899
CAS No.:	849213-15-6
Molecular Formula:	C <sub>46</sub> H <sub>63</sub> NO <sub>15</sub>
Molecular Weight:	869.99
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

<b>Description</b>	TPI-287, a blood-brain barrier-permeable microtubule stabilizer, can significantly reduce metastatic colonization of breast cancer in the brain <sup>[1]</sup> .
<b>In Vivo</b>	TPI-287 (i.v., 18 mg/kg, every 4 days, 41 days) can effectively reduce tumor volume and inhibit tumor growth in mouse tumor models inoculated with 231-BR breast cancer cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Daniel P Fitzgerald, et al. TPI-287, a new taxane family member, reduces the brain metastatic colonization of breast cancer cells. *Mol Cancer Ther.* 2012 Sep;11(9):1959-67.

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

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