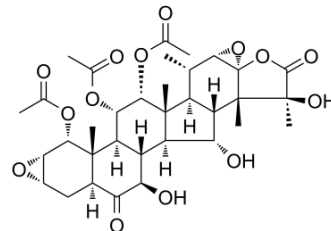


## Taccalonolide AJ

Cat. No.:	HY-N4208
CAS No.:	1349904-82-0
Molecular Formula:	C <sub>34</sub> H <sub>44</sub> O <sub>14</sub>
Molecular Weight:	676.7
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Taccalonolide AJ is a semi-synthesis compound with cellular **microtubule** stabilizing activity. Taccalonolide AJ exhibits high potency antiproliferative activity against cancer cells, with an IC<sub>50</sub> of 4.2 nM for HeLa cells<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

microtubule<sup>[1]</sup>

### REFERENCES

[1]. Li J, et al. Potent taccalonolides, AF and AJ, inform significant structure-activity relationships and tubulin as the binding site of these microtubule stabilizers. *J Am Chem Soc.* 2011 Nov 30;133(47):19064-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA