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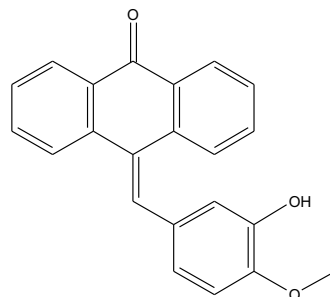
## CERTIFICATE OF ANALYSIS

Product name: **Tubulin Polymerization Inhibitor**

Cat. number: **VD-ACR-0010** CAS Number: **564468-51-5** Lot number: **VD12-00044818**

### Personal protective equipment

- Lab coat.
- Safety glasses.



### Product Specification

<b>Formula:</b>	C <sub>22</sub> H <sub>16</sub> O <sub>3</sub>
<b>MW:</b>	328.4
<b>Purity:</b>	>=95%
<b>Appearance:</b>	Yellow solid.
<b>Solubility:</b>	DMSO (1 mg/ml).
<b>Storage:</b>	+2°C to +8°C. <b>Protect from light.</b>
<b>Synonyms:</b>	10-[(3-Hydroxy-4-methoxybenzylidene)]-9(10H)-anthracenone

### Product Description:

A low molecular weight, cell-permeable, benzylidene-anthracenone antimicrotubule agent that exhibits potent antitumor activity (IC<sub>50</sub> = 20 and 50 nM in inhibiting tumor cell growth in K562 and SKOV3 cells, respectively) comparable to other commonly used antitumor agents.

### Product Reference:

1.Prinz, H., et al. 2003. J. Med. Chem. 46, 3382.

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