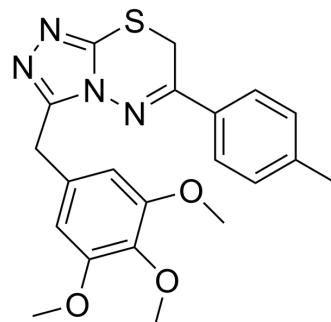


## Tubulin inhibitor 34

Cat. No.:	HY-149364
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	410.49
Target:	Microtubule/Tubulin; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tubulin inhibitor 34 (compound b5) is a potent anticancer agent. Tubulin inhibitor 34 can inhibit tubulin polymerization and induce G2/M arrest and apoptosis. Tubulin inhibitor 34 exhibits significant antivasular and antitumor activity<sup>[1]</sup>.

### REFERENCES

[1]. Ji T, et, al. Discovery of novel 6-p-tolyl-3-(3,4,5-trimethoxybenzyl)-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazine derivative as a potent tubulin inhibitor with promising in vivo antitumor activity. *Eur J Med Chem.* 2023 Aug 5;256:115437.

[2]. Lu L, et, al. Discovery of novel triazine derivatives as potent retinoic acid receptor-related orphan receptor  $\gamma$  (ROR $\gamma$ t) inverse agonists. *Eur J Med Chem.* 2023 Aug 5;256:115424.

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

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