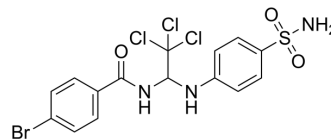


## Synstab A

Cat. No.:	HY-116915
CAS No.:	257612-36-5
Molecular Formula:	C <sub>15</sub> H <sub>13</sub> BrCl <sub>3</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	501.61
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

Description	Synstab A is a mitosis modulator to promote interactions between $\alpha$ - and $\beta$ -tubulin. Synstab A can polymerizes microtubules from purified tubulin, and produces microtubule bundles in interphase cells <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	$\alpha$ -Tubulin and $\beta$ -Tubulin interaction <sup>[1]</sup>

### REFERENCES

- [1]. Gerry CJ, et al. Unifying principles of bifunctional, proximity-inducing small molecules. *Nat Chem Biol.* 2020 Apr;16(4):369-378.
- [2]. Beyer CF, et al. TTI-237: a novel microtubule-active compound with in vivo antitumor activity. *Cancer Res.* 2008 Apr 1;68(7):2292-300.

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

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