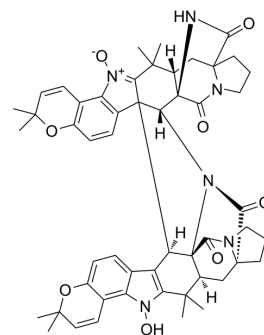


## Stephacidin B

Cat. No.:	HY-N10265
CAS No.:	360765-75-9
Molecular Formula:	C <sub>52</sub> H <sub>54</sub> N <sub>6</sub> O <sub>8</sub>
Molecular Weight:	891.02
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Stephacidin B is a fungal metabolite. Stephacidin B shows in vitro cytotoxicity against a panel of human tumor cell lines. Stephacidin B shows the strongest cytotoxicity against testosterone-dependent prostate LNCaP cancer cells <sup>[1]</sup> .
IC <sub>50</sub> & Target	Microbial Metabolite

### REFERENCES

[1]. von Nussbaum F. Stephacidin B-A new stage of complexity within prenylated indole alkaloids from fungi. *Angew Chem Int Ed Engl.* 2003;42(27):3068-3071.

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

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