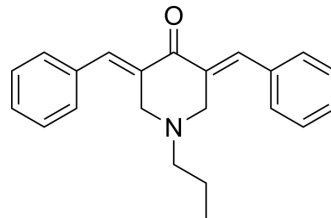


## TachypleginA-2

Cat. No.:	HY-129616
CAS No.:	296798-88-4
Molecular Formula:	C <sub>22</sub> H <sub>23</sub> NO
Molecular Weight:	317.42
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

TachypleginA-2 is a small-molecule inhibitor of parasite motility and invasion. TachypleginA-2 reproducibly induces the TgMLC1 (an essential light chain) mobility shift<sup>[1]</sup>.

### REFERENCES

[1]. Leung JM, et al. Identification of *T. gondii* myosin light chain-1 as a direct target of TachypleginA-2, a small-molecule inhibitor of parasite motility and invasion. *PLoS One*. 2014 Jun 3;9(6):e98056.

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

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