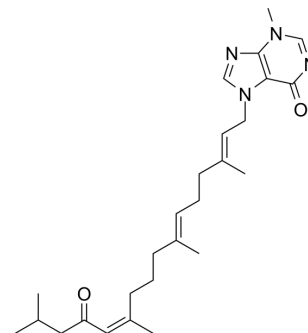


## Malonganenone A

Cat. No.:	HY-126601
CAS No.:	882403-69-2
Molecular Formula:	C <sub>26</sub> H <sub>38</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	438.61
Target:	Parasite; HSP
Pathway:	Anti-infection; Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Malonganenone A is an antimalarial marine alkaloid that disrupts the interaction between PfHsp70-x and Hsp40. Malonganenone A inhibits plasmodial and not human Hsp70 ATPase activity (Hsp40-stimulated), and hindered the aggregation suppression activity of PfHsp70-x<sup>[1]</sup>.

### REFERENCES

[1]. Ingrid L Cockburn, et al. Selective modulation of plasmodial Hsp70s by small molecules with antimalarial activity. *Biol Chem*. 2014 Nov 1;395(11):1353-62.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA