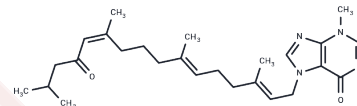


## Malonganenone A

## Chemical Properties

CAS No. :	882403-69-2
Formula:	C <sub>26</sub> H <sub>38</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	438.61
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Malonganenone A is a selective plasmodial Hsp70s modulator. It also has antimalarial activity.
Targets(IC50)	Others,HSP,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2799 mL	11.3996 mL	22.7993 mL
5 mM	0.456 mL	2.2799 mL	4.5599 mL
10 mM	0.228 mL	1.140 mL	2.2799 mL
50 mM	0.0456 mL	0.228 mL	0.456 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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Clark PG, Lein M, Keyzers RA. Studies of the H-D exchange mechanism of malonganenone B. *Org Biomol Chem.* 2012 Mar 7;10(9):1725-9. doi: 10.1039/c2ob06926a. Epub 2012 Jan 16. PubMed PMID: 22246312.

Cockburn IL, Pesce ER, Pryzborski JM, Davies-Coleman MT, Clark PG, Keyzers RA, Stephens LL, Blatch GL. Screening for small molecule modulators of Hsp70 chaperone activity using protein aggregation suppression assays: inhibition of the plasmodial chaperone PfHsp70-1. *Biol Chem.* 2011 May;392(5):431-8. doi: 10.1515/BC.2011.040. Epub 2011 Mar 23. PubMed PMID: 21426241.

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