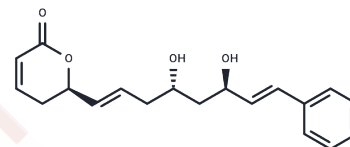


## Cryptofolione

## Chemical Properties

CAS No. :	160098-78-2
Formula:	C <sub>19</sub> H <sub>22</sub> O <sub>4</sub>
Molecular Weight:	314.38
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	Z-Cryptofolione and Cryptomoscatone D2 as highly efficacious inhibitors of the G(2) checkpoint, G(2) checkpoint inhibitors can force cells arrested in G(2) phase by DNA damage to enter mitosis. Cryptofolione shows moderate cytotoxicity in both macrophages and T. cruzi amastigotes, it also displays a mild inhibitory effect on the promastigote form of Leishmania spp.
Targets(IC50)	Antifection

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1809 mL	15.9043 mL	31.8086 mL
5 mM	0.6362 mL	3.1809 mL	6.3617 mL
10 mM	0.3181 mL	1.5904 mL	3.1809 mL
50 mM	0.0636 mL	0.3181 mL	0.6362 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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