



Product Information

Product ID H9862

CAS No. 76958-67-3

Chemical Name

Synonym

Formula $C_{19}H_{22}O_8$

Formula Wt. 378.37

Melting Point

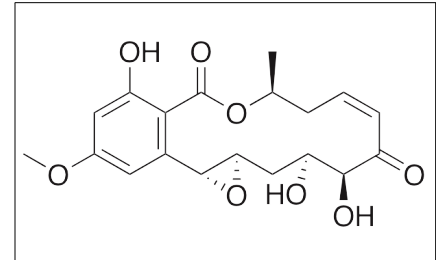
Purity $\geq 96\%$

Solubility DMSO: soluble
acetone: soluble
water: insoluble

Store Temp 4° C

Ship Temp Ambient

Description Hypothemycin is a polyketide found in *Setophoma* that exhibits anticancer, antifungal, and anti-parasitic activities. Hypothemycin is a resorcylic acid lactone. This compound inhibits cell survival in melanoma and colon cancer cells. Hypothemycin also disrupts cell wall and endomembrane function in species of *Pernophythora* and suppresses growth of *Trypanosoma* in vitro and in vivo.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
H9862	1 mg	\$229.20
H9862	5 mg	\$798.90

References El-Elimat T, Figueroa M, Raja HA, et al. Biosynthetically Distinct Cytotoxic Polyketides from *Setophoma terrestris*. *European J Org Chem.* 2015 Jan 1;2015(1):109-121. PMID: 25574154.

Xu L, Xue J, Wu P, et al. Antifungal activity of hypothemycin against *Peronophythora litchii* in vitro and in vivo. *J Agric Food Chem.* 2013 Oct 23;61(42):10091-5. PMID: 24106914.

Nishino M, Choy JW, Gushwa NN, et al. Hypothemycin, a fungal natural product, identifies therapeutic targets in *Trypanosoma brucei* [corrected]. *Elife.* 2013 Jul 9;2:e00712. PMID: 23853713.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.