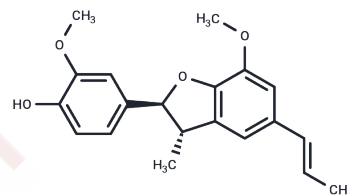


**(±)-Licarin A****Chemical Properties**

CAS No. :	23518-30-1
Formula:	C <sub>20</sub> H <sub>22</sub> O <sub>4</sub>
Molecular Weight:	326.39
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	(±)-Licarin A ((±)-trans-Dehydrodiisoeugenol), a dihydrobenzofuran neolignan formed via oxidative coupling of isoeugenol with horseradish peroxidase (HRP) enzyme, exhibits 100% parasite mortality at 200 µM.
Targets(IC50)	Others,Parasite

**Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	3.0638 mL	15.3191 mL	30.6382 mL
5 mM	0.6128 mL	3.0638 mL	6.1276 mL
10 mM	0.3064 mL	1.5319 mL	3.0638 mL
50 mM	0.0613 mL	0.3064 mL	0.6128 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**

Meleti VR, et al. (±)-licarin A and its semi-synthetic derivatives: in vitro and in silico evaluation of trypanocidal and schistosomicidal activities. Acta Trop. 2019 Oct 29:105248.

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