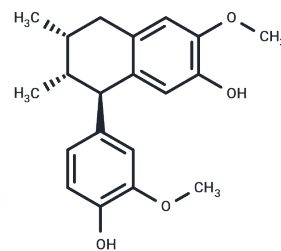


## Isoguaiacin

## Chemical Properties

CAS No. :	78341-26-1
Formula:	C <sub>20</sub> H <sub>24</sub> O <sub>4</sub>
Molecular Weight:	328.4
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	Isoguaiacin, a natural product [1], exhibits (has) the potential to be (to exist as) an (a) effective pharmacological agent due to its (its) ability to inhibit (the inhibition of) mushroom tyrosinase. This (The) inhibition is (taking place) in a manner that demonstrates greater (a higher) selectivity towards mushroom tyrosinase compared to human tyrosinase, suggesting a reduced (a lower) risk of off-target effects in humans. Additionally, isoguaiacin shows (displays) promising (promising) activity against (in combating) certain cancer cell lines, further affirming its potential as (an) anticancer agent.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0451 mL	15.2253 mL	30.4507 mL
5 mM	0.609 mL	3.0451 mL	6.0901 mL
10 mM	0.3045 mL	1.5225 mL	3.0451 mL
50 mM	0.0609 mL	0.3045 mL	0.609 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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