

## Isoanthricin

## Chemical Properties

CAS No. : 69222-20-4

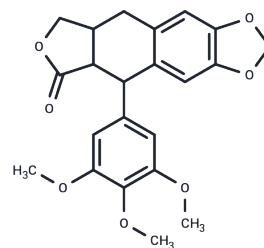
Formula: C<sub>22</sub>H<sub>22</sub>O<sub>7</sub>

Molecular Weight: 398.41

Storage: Keep away from direct sunlight, Keep away from moisture

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	Isoanthricin is the racemic form of Deoxypodophyllotoxin, capable of inhibiting tubulin assembly in porcine cells.
Targets(IC50)	Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.510 mL	12.5499 mL	25.0998 mL
5 mM	0.502 mL	2.510 mL	5.020 mL
10 mM	0.251 mL	1.255 mL	2.510 mL
50 mM	0.0502 mL	0.251 mL	0.502 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

Khaled M, et, al. Deoxypodophyllotoxin: a promising therapeutic agent from herbal medicine. J Ethnopharmacol. 2013 Aug 26;149(1):24-34.

Kozawa M, et, al. [Chemical components of the roots of Anthriscus sylvestris Hoffm. I. Structures of an acyloxycarboxylic acid and a new phenylpropanoid ester, anthriscusin (author's transl)]. Yakugaku Zasshi. 1978 Nov;98(11):1486-90.

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