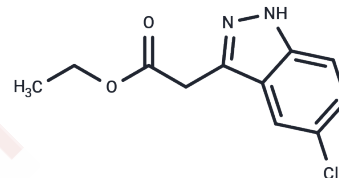


## Ethychnozate

## Chemical Properties

CAS No. :	27512-72-7
Formula:	C <sub>11</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	238.67
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	Ethychnozate (IZAA) is a chemical agent that can accelerate coloration and enhance fruit quality.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (230.44 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1899 mL	20.9494 mL	41.8989 mL
5 mM	0.838 mL	4.1899 mL	8.3798 mL
10 mM	0.419 mL	2.0949 mL	4.1899 mL
50 mM	0.0838 mL	0.419 mL	0.838 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

- Takatsuki S, Nemoto S, Sasaki K, Toyoda M. [Determination of ethychnozate and its degradation product in fruits by HPLC and LC/MS]. *Shokuhin Eiseigaku Zasshi*. 2002 Feb;43(1):30-4. Japanese.
- Iwahori S, Tominaga S, Oohata J T. Ethychnozate accelerates colouration and enhances fruit quality of ponkan, *Citrus reticulata* Blanco[J]. *Scientia Horticulturae*, 1986, 28(3):243-250.

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