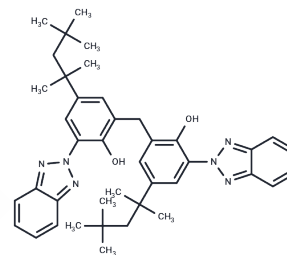


## Bisotrizole

## Chemical Properties

CAS No. : 103597-45-1  
 Formula: C<sub>41</sub>H<sub>50</sub>N<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 658.87  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Bisotrizole (Tinosorb M) is a benzotriazole-based organic compound that is added to sunscreens to absorb UV rays.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (75.89 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	1.5178 mL	7.5888 mL	15.1775 mL
5 mM	0.3036 mL	1.5178 mL	3.0355 mL
10 mM	0.1518 mL	0.7589 mL	1.5178 mL
50 mM	0.0304 mL	0.1518 mL	0.3036 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.

## Reference

Herzog B, et al. Int J Cosmet Sci. 2002 Jun;24(3):170-85.

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