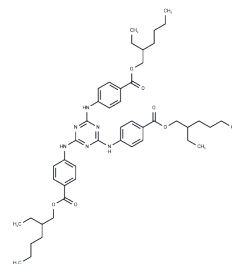


Ethylhexyl Triazone

Chemical Properties

CAS No. :	88122-99-0
Formula:	C ₄₈ H ₆₆ N ₆ O ₆
Molecular Weight:	823.07
Storage:	Keep away from direct sunlight, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Ethylhexyl Triazone (Octyl triazone) is an ultraviolet-B (UV-B) chemical filter for commercial sunscreens.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (66.82 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (2.43 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.215 mL	6.0748 mL	12.1496 mL
5 mM	0.243 mL	1.215 mL	2.4299 mL
10 mM	0.1215 mL	0.6075 mL	1.215 mL
50 mM	0.0243 mL	0.1215 mL	0.243 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

In Vivo Human Skin Penetration of the UV Filter Ethylhexyl Triazone: Effect of Lipid Microparticle Encapsulation
Pinto-Bazurco M A E , Hu Q , Engel M , et al. Highly Potent and Selective Nonsteroidal Dual Inhibitors of CYP17/CYP11B2 for the Treatment of Prostate Cancer To Reduce Risks of Cardiovascular Diseases[J]. Journal of Medicinal Chemistry, 2013, 56(15):6101-6107.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481