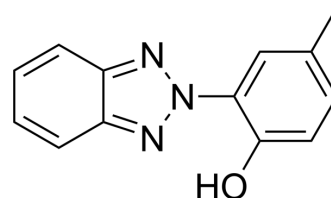


Drometrizole

Cat. No.:	HY-131551
CAS No.:	2440-22-4
Molecular Formula:	C ₁₃ H ₁₁ N ₃ O
Molecular Weight:	225.25
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (221.98 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		4.4395 mL	22.1976 mL	44.3951 mL
		5 mM		0.8879 mL	4.4395 mL	8.8790 mL
		10 mM		0.4440 mL	2.2198 mL	4.4395 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.10 mM); Suspended solution					

BIOLOGICAL ACTIVITY

Description	Drometrizole is a cosmetic ingredient as an ultraviolet light absorber. Drometrizole has no significant toxicity observed in acute oral, inhalation, or dermal toxicity studies ^[1] .
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REFERENCES

[1]. Lee JK, et al. Risk Assessment of Drometrizole, a Cosmetic Ingredient used as an Ultraviolet Light Absorber. Toxicol Res. 2019;35(2):119-129.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA