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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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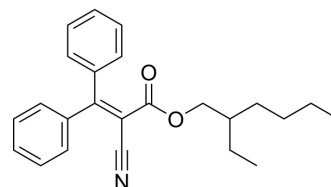
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Octocrylene

Cat. No.:	HY-A0087
CAS No.:	6197-30-4
Molecular Formula:	C ₂₄ H ₂₇ NO ₂
Molecular Weight:	361.48
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Pure form -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (276.64 mM)
 Ethanol : 50 mg/mL (138.32 mM; Need ultrasonic)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.7664 mL	13.8320 mL	27.6640 mL
	5 mM		0.5533 mL	2.7664 mL	5.5328 mL
	10 mM		0.2766 mL	1.3832 mL	2.7664 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (6.92 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (6.92 mM); Suspended solution; Need ultrasonic
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.92 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Octocrylene is an organic ultraviolet (UV) filter which absorbs mainly UVB radiation and short UVA wavelengths. Octocrylene has the potential for using in various cosmetic products to either provide an appropriate sun protection factor in sunscreen products or to protect cosmetic formulations from UV radiation^[1].

CUSTOMER VALIDATION

- ACS Appl Mater Interfaces. 2023 Feb 17.
- Toxicology. 2022 Aug 29;153306.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. E Berardesca, et al. Review of the safety of octocrylene used as an ultraviolet filter in cosmetics. J Eur Acad Dermatol Venereol. 2019 Nov;33 Suppl 7:25-33.

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

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