



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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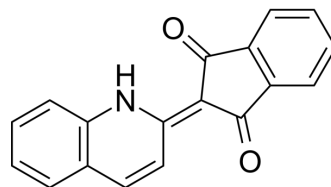
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Quinophthalone

Cat. No.:	HY-D2337
CAS No.:	5662-03-3
Molecular Formula:	C ₁₈ H ₁₁ NO ₂
Molecular Weight:	273.29
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Quinophthalone is a dye with distinctive greenish yellow color. Quinophthalone is used as coloring agents for various materials. Quinophthalone is a strong sensitizer in guinea pigs, and its threshold concentration for induction and challenge is 10 ppm^{[1][2]}.

REFERENCES

- [1]. Gi Rim Han, et al. Shedding new light on an old molecule: quinophthalone displays uncommon N-to-O excited state intramolecular proton transfer (ESIPT) between photobases. *Sci Rep.* 2017 Jun 20;7(1):3863.
- [2]. Y Sato, et al. D&C nos. 10 and 11: chemical composition analysis and delayed contact hypersensitivity testing in the guinea pig. *Contact Dermatitis.* 1984 Jan;10(1):30-8.

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

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