



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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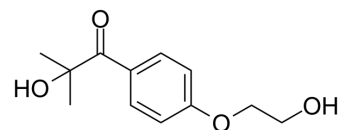
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I2959

Cat. No.:	HY-W013508		
CAS No.:	106797-53-9		
Molecular Formula:	C ₁₂ H ₁₆ O ₄		
Molecular Weight:	224.26		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-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 (445.91 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.4591 mL	22.2956 mL	44.5911 mL
	5 mM	0.8918 mL	4.4591 mL	8.9182 mL
	10 mM	0.4459 mL	2.2296 mL	4.4591 mL

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

BIOLOGICAL ACTIVITY

Description

I2959 is widely used as a photoinitiator for photochemical crosslinking of hydrogels. I2959 has high free radical generation efficiency and has cytotoxicity for fast dividing cell lines^[1].

REFERENCES

[1]. Thuy-Uyen Nguyen, et al. Photochemically crosslinked cell-laden methacrylated collagen hydrogels with high cell viability and functionality. J Biomed Mater Res A. 2019 Jul;107(7):1541-1550.

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

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