



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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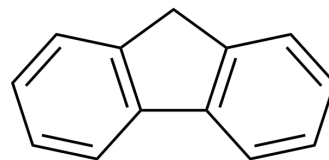
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Fluorene

Cat. No.:	HY-W026772
CAS No.:	86-73-7
Molecular Formula:	C ₁₃ H ₁₀
Molecular Weight:	166.22
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (376.01 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.0161 mL	30.0806 mL	60.1612 mL
	5 mM	1.2032 mL	6.0161 mL	12.0322 mL
	10 mM	0.6016 mL	3.0081 mL	6.0161 mL

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

BIOLOGICAL ACTIVITY

Description

Fluorene, a polycyclic aromatic hydrocarbon (PAH), is a precursor to other fluorene compounds. Fluorene and its derivative can be used as a precursor to fluorene-based dyes^[1].

CUSTOMER VALIDATION

- Molecules. 2022 May 13;27(10):3133.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Paul Olusegun Bankole, et al. Biodegradation of fluorene by the newly isolated marine-derived fungus, *Mucor irregularis* strain bpo1 using response surface methodology. *Ecotoxicol Environ Saf.* 2021 Jan 15;208:111619.

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

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