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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Perylene

Cat. No.: HY-W090294

CAS No.: 198-55-0

Molecular Formula: $C_{20}H_{12}$

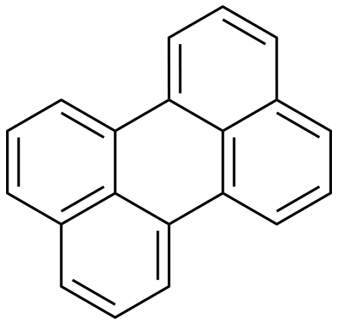
Molecular Weight: 252.31

Target: Biochemical Assay Reagents

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 : 3.33 mg/mL (13.20 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	3.9634 mL	19.8169 mL	39.6338 mL
	5 mM	0.7927 mL	3.9634 mL	7.9268 mL
	10 mM	0.3963 mL	1.9817 mL	3.9634 mL

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

BIOLOGICAL ACTIVITY

Description

Perylene, which is a polycyclic aromatic hydrocarbon composed of four linearly fused benzene rings, is commonly used as a pigment and dye in a variety of applications, including printing inks, plastics, and textiles. In addition, Perylene has potential uses in solar cells as photosensitizers and as fluorescent probes in biochemistry and materials science. Perylene's rigid planar structure endows it with unique electronic and optical properties, making it a versatile and important compound in many fields of chemistry and materials science.

In Vitro

Perylene is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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