



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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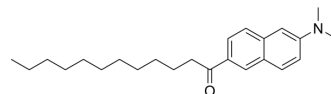
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Laurdan

Cat. No.:	HY-D0080
CAS No.:	74515-25-6
Molecular Formula:	C ₂₄ H ₃₅ NO
Molecular Weight:	353.54
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 : 5 mg/mL (14.14 mM); ultrasonic and warming and heat to 60°C				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	2.8285 mL	14.1427 mL	28.2853 mL
		5 mM	0.5657 mL	2.8285 mL	5.6571 mL
	10 mM	0.2829 mL	1.4143 mL	2.8285 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (3.54 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Laurdan is a membrane-permeable fluorescent probe that displays spectral sensitivity to the phospholipid phase of the cell membrane to which it is bound. Quantitation of generalized polarization (GP) of Laurdan can be used to identify phospholipid phase.
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CUSTOMER VALIDATION

- Cell Mol Life Sci. 2022 Oct 16;79(11):552.
- J Oral Microbiol. 2023 Dec 10.

See more customer validations on www.MedChemExpress.com

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

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