



# 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

### SZABO-SCANDIC HandelsgmbH

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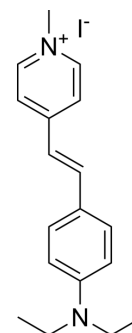
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## 4-Di-2-ASP

<b>Cat. No.:</b>	HY-D0060
<b>CAS No.:</b>	105802-46-8
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>23</sub> IN <sub>2</sub>
<b>Molecular Weight:</b>	394.29
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (253.62 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5362 mL	12.6810 mL	25.3620 mL
	5 mM	0.5072 mL	2.5362 mL	5.0724 mL
	10 mM	0.2536 mL	1.2681 mL	2.5362 mL

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

### BIOLOGICAL ACTIVITY

#### Description

4-Di-2-ASP, a styryl pyridinium fluorescent dye, is a vital mitochondrial marker. 4-Di-2-ASP shows reliable and specific labelling of pulmonary NEBs (neuroepithelial bodies)<sup>[1]</sup>.

### REFERENCES

[1]. Pintelon I, et al. Selective visualisation of neuroepithelial bodies in vibratome slices of living lung by 4-Di-2-ASP in various animal species. Cell Tissue Res. 2005 Jul;321(1):21-33.

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

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