



# 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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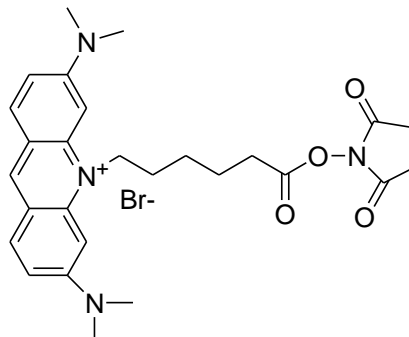
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** AO Succinimidyl ester

**CATALOG #** 40074

**MOLECULAR INFORMATION:** C<sub>27</sub>H<sub>33</sub>BrN<sub>4</sub>O<sub>4</sub>  
MWt: 557.49



**PROPERTIES:**

<b>Color &amp; Form</b>	Orange solid
<b>Solubility</b>	Soluble in DMSO or DMF
<b>Absorption / Emission</b>	500nm / 526nm ( with DNA)
<b>Correction factor 260nm</b>	0.78
<b>Correction factor 280nm</b>	0.43

**STORAGE AND HANDLING:** Stored desiccated at -20°C and protect from light, especially when in solution.

**APPLICATION:** The amine reactive succinimidyl ester of AO (acridine orange) can be conjugated to peptides, proteins, drugs, polymeric materials and biomolecules with primary amine groups. The conjugates with green fluorescence are able to complex with nucleic acids, resulting in green fluorescence nucleic acid conjugate adduct. The conjugates might be useful for studies of nucleic acid binding to various biomolecules, such as DNA-binding proteins. It is also possible that conjugates of other biomolecules might be capable of monitoring their transport into the nucleus. AO dye conjugates of solid or semisolid matrices, such as microspheres, magnetic particles or various resins, might be useful for the detection or affinity isolation of nucleic acids.

**TOXICITY:** Unknown

**FIRST AID:** Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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