



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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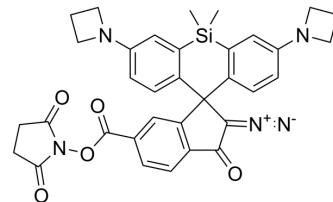
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PA Janelia Fluor® 646, SE

Cat. No.:	HY-133535
CAS No.:	2093120-32-0
Molecular Formula:	C ₃₄ H ₃₁ N ₅ O ₅ Si
Molecular Weight:	617.73
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PA Janelia Fluor® 646, SE (PA-JF646-NHS), a photoactivatable fluorescent dye, is an NHS ester for coupling to primary amine groups. PA-JF646-NHS is non-fluorescent until activated at 365 nm. NHS ester can be converted to relevant substrate for use in self-labeling tag systems, e.g. HaloTag® and SNAP-tag®. PA-JF646-NHS is used for single molecule tracking and super resolution microscopy in live cells, specifically live cell sptPALM and fixed cell PALM. ($\lambda_{\text{Excitation/emission}} \sim 650/664 \text{ nm}$). Janelia Fluor® products are licensed under U.S. Pat. Nos. 9,933,417, 10,018,624 and 10,161,932 and other patents from Howard Hughes Medical Institute.

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

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