



# 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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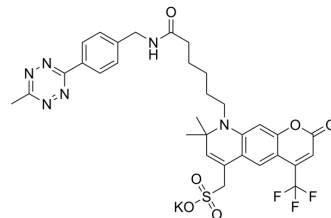
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## AF 430 tetrazine

Cat. No.:	HY-D2148
Molecular Formula:	C <sub>32</sub> H <sub>32</sub> F <sub>3</sub> KN <sub>6</sub> O <sub>6</sub> S
Molecular Weight:	724.79
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

AF 430 tetrazine is a derivative of the yellow fluorescent dye AF 430. AF430 has an excitation wavelength of 425 nm and an emission wavelength of 542 nm. AF 430 tetrazine contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing TCO groups. To achieve specific coupling of dye labels and biomolecules<sup>[1]</sup>.

### REFERENCES

[1]. Fernández B, Gálvez N, Sánchez P, et al. Fluorescence resonance energy transfer in ferritin labeled with multiple fluorescent dyes[J]. JBIC Journal of Biological Inorganic Chemistry, 2008, 13: 349-355.

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

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