



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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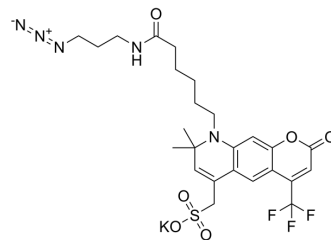
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AF 430 azide

Cat. No.:	HY-D2156
Molecular Formula:	C ₂₅ H ₂₉ F ₃ KN ₅ O ₆ S
Molecular Weight:	623.69
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AF 430 azide 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 azide can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) via the azide group and molecules containing Alkyne groups. It can also undergo strain-promoted alkyne-azide cycloaddition (SPAAC) reactions with molecules containing DBCO or BCN groups. To achieve specific coupling of dye labels and biomolecules^[1].

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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