



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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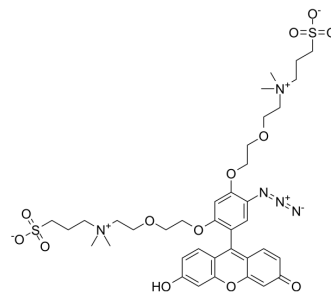
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CalFluor 488 Azide

Cat. No.:	HY-151708
CAS No.:	1798305-98-2
Molecular Formula:	C ₃₇ H ₄₉ N ₅ O ₁₃ S ₂
Molecular Weight:	836
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CalFluor 488 Azide is a water-soluble fluorogenic azide probe. CalFluor 488 Azide is activated by Cu-catalyzed or metal-free click reaction. CalFluor 488 Azide is not fluorescent until it is reacted with alkynes ^{[1][2]} .
In Vitro	CalFluor 488 azide reacts with alkyne-labeled compounds to yield fluorescent triazole product (green) ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Neugebauer ME, et al. Reaction pathway engineering converts a radical hydroxylase into a halogenase. *Nat Chem Biol.* 2022 Feb;18(2):171-179.
- [2]. Hu J, et al. Chiral lipid bilayers are enantioselectively permeable. *Nat Chem.* 2021 Aug;13(8):786-791.

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

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