



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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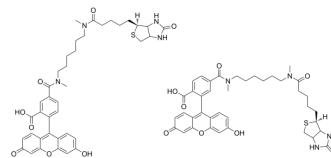
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Flubi-2

Cat. No.:	HY-D1687
Molecular Formula:	C ₇₈ H ₈₈ N ₈ O ₁₆ S ₂
Molecular Weight:	728.85
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Flubi-2 is a fluorescein-biotin based pH-ratio dye (Ex=480 nm, Em= 520-560 nm) with a pK value of 6.7. Flubi-2 is a hydrolysis product of Flubida-2 (non-fluorescent, membrane permeable). Flubi-2 can be used for pH determination of organelles of the secretory pathway (such as golgi apparatus and endoplasmic reticulum) in living cells^{[1][2]}.

REFERENCES

- [1]. Wu MM, et al. Studying organelle physiology with fusion protein-targeted avidin and fluorescent biotin conjugates. *Methods Enzymol.* 2000;327:546-64.
- [2]. Wu MM, et al. Organelle pH studies using targeted avidin and fluorescein-biotin. *Chem Biol.* 2000 Mar;7(3):197-209.

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

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