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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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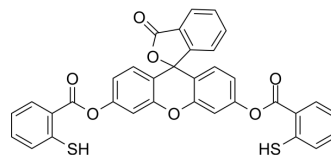
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Sulfane sulfur probe 4

Cat. No.:	HY-158779
CAS No.:	1810731-98-6
Molecular Formula:	C ₃₄ H ₂₀ O ₇ S ₂
Molecular Weight:	604.65
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfane sulfur probe 4 (SSP4) is a fluorescent probe used to detect sulfane sulfur species ($E_x/E_m=494/515$ nm). Sulfane sulfur probe 4 exhibits high sensitivity in detecting sulfane sulfur, even in the presence of other substances such as homocysteine, methionine, cysteine, glutathione, N-acetyl-L-cysteine, glycine, tyrosine, tryptophan, arginine, and metal ions (Fe^{2+} , Fe^{3+} , Mg^{2+} , Ca^{2+} , and Zn^{2+})^[1].

REFERENCES

[1]. Shieh M, et al. Shining a light on SSP4: A comprehensive analysis and biological applications for the detection of sulfane sulfurs[J]. Redox Biology, 2022, 56: 102433.

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

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