



# 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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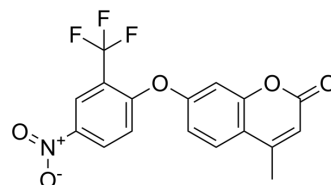
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## H2S Fluorescent probe 1

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-D2476                                                                                  |
| CAS No.:           | 433254-36-5                                                                               |
| Molecular Formula: | C <sub>17</sub> H <sub>10</sub> F <sub>3</sub> NO <sub>5</sub>                            |
| Molecular Weight:  | 365.26                                                                                    |
| Target:            | Fluorescent Dye                                                                           |
| Pathway:           | Others                                                                                    |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

H2S Fluorescent probe 1 (Compound 2) is a fluorescent probe that detects hydrogen sulfide (H<sub>2</sub>S) with almost no cytotoxicity. Upon the addition of increasing amounts of HS<sup>-</sup> to DMSO solution of H2S Fluorescent probe 1, a new absorption peak appears gradually at 485 nm. H2S Fluorescent probe 1, the fluorescence intensity notes at 434 nm increasing rapidly by titration of HS<sup>-</sup>[1].

### REFERENCES

[1]. Chen Y, et al. The synthesis, crystal, hydrogen sulfide detection and cell assement of novel chemsensors based on coumarin derivatives. Sci Rep. 2018 Nov 1;8(1):16159.

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

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