



# 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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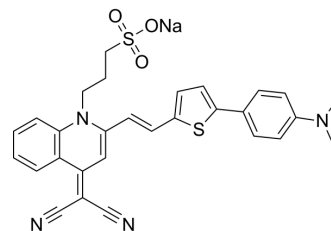
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## QM-FN-SO<sub>3</sub>

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-D2268  |
| CAS No.:           | 2316820-94-5  |
| Molecular Formula: | C <sub>29</sub> H <sub>25</sub> N <sub>4</sub> NaO <sub>3</sub> S <sub>2</sub>            |
| Molecular Weight:  | 564.65  |
| Target:            | Fluorescent Dye; Amyloid-β  |
| Pathway:           | Others; Neuronal Signaling  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

QM-FN-SO<sub>3</sub> is a BBB-penetrable near-infrared (NIR) aggregation-induced emission (AIE)-active probe for Aβ plaques. QM-FN-SO<sub>3</sub> can be used for in vivo detection of Aβ plaques. QM-FN-SO<sub>3</sub> has ultra-high S/N ratio, binding affinity, and high-performance NIR emission<sup>[1]</sup>.

## REFERENCES

- [1]. Wei Fu, et al. Rational Design of Near-Infrared Aggregation-Induced-Emission-Active Probes: In Situ Mapping of Amyloid-β Plaques with Ultrasensitivity and High-Fidelity. *J Am Chem Soc.* 2019 Feb 20;141(7):3171-3177.
- [2]. Wei Fu, Wei-Hong Zhu, et al. Rational Design of Near-Infrared Aggregation-Induced-Emission-Active Probes: In Situ Mapping of Amyloid-β Plaques with Ultrasensitivity and High-Fidelity. *J. Am. Chem. Soc.* 2019, 141, 7, 3171–3177.

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

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