



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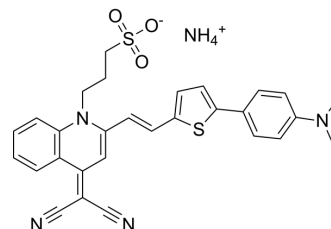
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## QM-FN-SO<sub>3</sub> ammonium

Cat. No.:	HY-D2268A
Molecular Formula:	C <sub>29</sub> H <sub>29</sub> N <sub>5</sub> O <sub>3</sub> S <sub>2</sub>
Molecular Weight:	559.7
Target:	Amyloid-β; Fluorescent Dye
Pathway:	Neuronal Signaling; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

QM-FN-SO<sub>3</sub> ammonium is a BBB-penetrable near-infrared (NIR) aggregation-induced emission (AIE)-active probe for Aβ plaques. QM-FN-SO<sub>3</sub> ammonium can be used for in vivo detection of Aβ plaques. QM-FN-SO<sub>3</sub> ammonium 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.

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

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