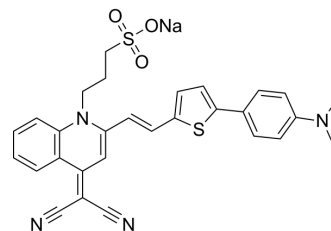


QM-FN-SO₃

Cat. No.:	HY-D2268
CAS No.:	2316820-94-5
Molecular Formula:	C ₂₉ H ₂₅ N ₄ NaO ₃ S ₂
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-SO₃ is a BBB-penetrable near-infrared (NIR) aggregation-induced emission (AIE)-active probe for Aβ plaques. QM-FN-SO₃ can be used for in vivo detection of Aβ plaques. QM-FN-SO₃ has ultra-high S/N ratio, binding affinity, and high-performance NIR emission^[1].

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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