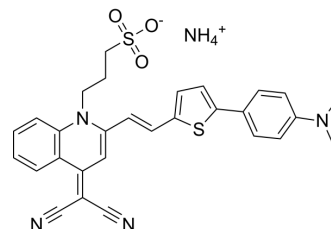


QM-FN-SO₃ ammonium

Cat. No.:	HY-D2268A
Molecular Formula:	C ₂₉ H ₂₉ N ₅ O ₃ S ₂
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-SO₃ ammonium is a BBB-penetrable near-infrared (NIR) aggregation-induced emission (AIE)-active probe for Aβ plaques. QM-FN-SO₃ ammonium can be used for in vivo detection of Aβ plaques. QM-FN-SO₃ ammonium 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.

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

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