

QM-FN-SO3

## Chemical Properties

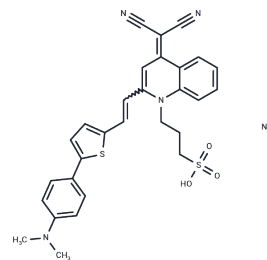
CAS No. : 2316820-94-5

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

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

|               |  |
|---------------|--|
| Description   | QM-FN-SO3 is a blood-brain barrier (BBB)-penetrable, near-infrared (NIR) probe with aggregation-induced emission (AIE) activity, specifically designed for the detection of A $\beta$ plaques. It exhibits ultra-high signal-to-noise (S/N) ratio, binding affinity, and high-performance NIR emission, making it suitable for in vivo detection of A $\beta$ plaques [1]. |
| Targets(IC50) | Beta Amyloid,Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.771 mL  | 8.855 mL  | 17.7101 mL |
| 5 mM  | 0.3542 mL | 1.771 mL  | 3.542 mL   |
| 10 mM | 0.1771 mL | 0.8855 mL | 1.771 mL   |
| 50 mM | 0.0354 mL | 0.1771 mL | 0.3542 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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