

QM-FN-SO3

## Chemical Properties

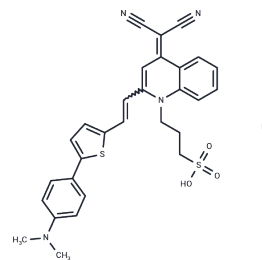
CAS No. : 2316820-94-5

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

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481