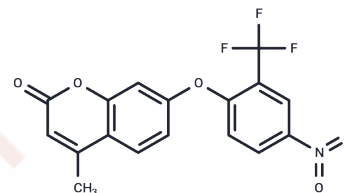


## H2S Fluorescent probe 1

### Chemical Properties

CAS No. :	433254-36-5
Formula:	C17H10F3NO5
Molecular Weight:	365.26
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	H2S Fluorescent probe 1 (Compound 2) is a fluorescent probe for detecting hydrogen sulfide (H2S) with minimal cytotoxicity. When HS <sup>-</sup> is added to the DMSO solution of H2S Fluorescent probe 1, a new absorption peak appears at 485 nm. During the titration of HS <sup>-</sup> , the fluorescence intensity at 434 nm increases rapidly.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7378 mL	13.6889 mL	27.3778 mL
5 mM	0.5476 mL	2.7378 mL	5.4756 mL
10 mM	0.2738 mL	1.3689 mL	2.7378 mL
50 mM	0.0548 mL	0.2738 mL	0.5476 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.

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