

## H-FluNox

## Chemical Properties

CAS No. : 2897614-59-2

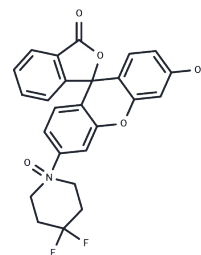
Formula: C<sub>25</sub>H<sub>19</sub>F<sub>2</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight: 451.42

Keep away from direct sunlight

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	H-FluNox is a selective fluorescent probe designed to detect labile heme by triggering fluorescence through a biomimetic deoxygenation reaction with nitrogen oxides. Its selectivity for labile heme is over 100 times higher than for Fe(II), enabling it to distinguish labile heme from the unstable Fe(II) pool in live cells. H-FluNox is sensitive enough to detect subcellular labile heme. ( $\lambda_{ex}=490$ nm, $\lambda_{em}=535$ nm)
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2152 mL	11.0762 mL	22.1523 mL
5 mM	0.443 mL	2.2152 mL	4.4305 mL
10 mM	0.2215 mL	1.1076 mL	2.2152 mL
50 mM	0.0443 mL	0.2215 mL	0.443 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

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