

## UBQ-3 NHS ester

## Chemical Properties

CAS No. : 2516243-92-6

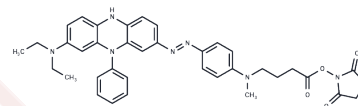
Formula: C37H39N7O4

Molecular Weight: 645.75

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	UBQ-3 NHS ester is a fluorescent agent featuring a terminal NHS ester group. It has a broad quenching range of 620–730 nm, enabling it to be used as an acceptor for fluorescence resonance energy transfer (FRET) applications with far-red to near-infrared dyes, such as Cy5, Cy5.5, Alexa Fluor 633, 647, 700. The NHS ester can label proteins, amine-modified oligonucleotides, and other amine-containing primary amines (-NH <sub>2</sub> ).
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5486 mL	7.7429 mL	15.4859 mL
5 mM	0.3097 mL	1.5486 mL	3.0972 mL
10 mM	0.1549 mL	0.7743 mL	1.5486 mL
50 mM	0.031 mL	0.1549 mL	0.3097 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