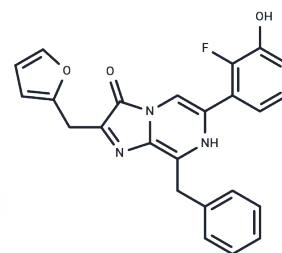


## NanoLuc substrate 1

## Chemical Properties

CAS No. :	2412089-75-7
Formula:	C <sub>24</sub> H <sub>18</sub> FN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	415.42
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	NanoLuc substrate 1 is a versatile dye utilized in biological experiments. It aids researchers in visualizing and analyzing cell structures, tracking biomolecules, assessing cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications extend from fundamental scientific research to diverse clinical diagnostics. Dyes are also prevalent in traditional areas like textile dyeing and innovative fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4072 mL	12.036 mL	24.072 mL
5 mM	0.4814 mL	2.4072 mL	4.8144 mL
10 mM	0.2407 mL	1.2036 mL	2.4072 mL
50 mM	0.0481 mL	0.2407 mL	0.4814 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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