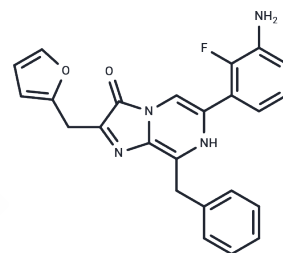


## NanoLuc substrate 2

## Chemical Properties

CAS No. :	2412089-80-4
Formula:	C <sub>24</sub> H <sub>19</sub> FN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	414.43
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 2, a multifunctional dye, serves as an essential tool in various biological experiments. It enables researchers to observe and analyze cell structures, track biomolecules, evaluate cell functions, differentiate cell types, detect biomolecules, examine tissue pathology, and monitor microorganisms. The applications of this dye span from basic scientific research to a broad spectrum of clinical diagnostics. Furthermore, dyes like NanoLuc substrate 2 find extensive use in traditional sectors such as textile dyeing and in newer areas including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.413 mL	12.0648 mL	24.1295 mL
5 mM	0.4826 mL	2.413 mL	4.8259 mL
10 mM	0.2413 mL	1.2065 mL	2.413 mL
50 mM	0.0483 mL	0.2413 mL	0.4826 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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