

QTZ

## Chemical Properties

CAS No. : 2883232-39-9

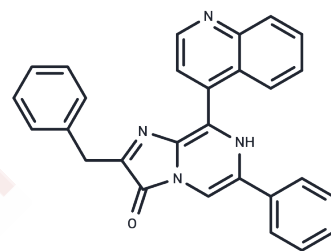
Formula: C<sub>28</sub>H<sub>20</sub>N<sub>4</sub>O

Molecular Weight: 428.48

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	QTZ, a coelenterazine analog with a 4-quinolinyl substitution at the C8 position of the imidazopyrazinone core [1], serves as a bioluminescence agent for in vivo imaging. This compound features red-shifted emission and produces minimal background interference.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3338 mL	11.6692 mL	23.3383 mL
5 mM	0.4668 mL	2.3338 mL	4.6677 mL
10 mM	0.2334 mL	1.1669 mL	2.3338 mL
50 mM	0.0467 mL	0.2334 mL	0.4668 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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