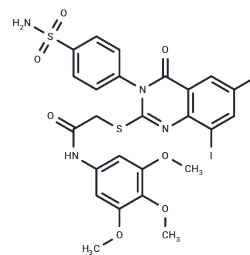


Keap1-Nrf2-IN-10

## Chemical Properties

CAS No. : 2445349-54-0  
 Formula: C<sub>25</sub>H<sub>22</sub>I<sub>2</sub>N<sub>4</sub>O<sub>7</sub>S<sub>2</sub>  
 Molecular Weight: 808.4  
 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	Keap1-Nrf2-IN-10 (compound 15) is a potent inducer of NQO1 that effectively mitigates oxidative stress in gamma-irradiated mice by reducing MDA and ROS levels, and NQO1 in the liver, thereby enhancing survival rates [1].
Targets(IC50)	Others, Reactive Oxygen Species

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.237 mL	6.1851 mL	12.3701 mL
5 mM	0.2474 mL	1.237 mL	2.474 mL
10 mM	0.1237 mL	0.6185 mL	1.237 mL
50 mM	0.0247 mL	0.1237 mL	0.2474 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.

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