

## NOX2-IN-2

## Chemical Properties

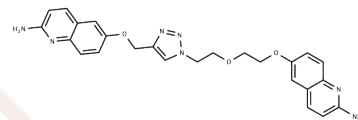
CAS No. : 2648709-79-7

Formula: C<sub>25</sub>H<sub>25</sub>N<sub>7</sub>O<sub>3</sub>

Molecular Weight: 471.51

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	NOX2-IN-2 (compound 33) is a potent inhibitor of NOX2, disrupting the p47phox-p22phox protein-protein interaction with a dissociation constant (K <sub>i</sub> ) of 0.24 μM, and effectively suppressing reactive oxygen species (ROS) production from NOX2 in cellular contexts [1].
Targets(IC50)	Others,NADPH

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1208 mL	10.6042 mL	21.2085 mL
5 mM	0.4242 mL	2.1208 mL	4.2417 mL
10 mM	0.2121 mL	1.0604 mL	2.1208 mL
50 mM	0.0424 mL	0.2121 mL	0.4242 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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