

## Hypoxia inducer-1

## Chemical Properties

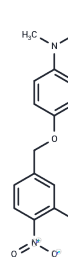
CAS No. :

Formula: C<sub>14</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>4</sub>

Molecular Weight: 305.261

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	Hypoxia inducer-1 (Compound N6) is a NO donor compound that is orally active and activated under hypoxic conditions. It exhibits high selectivity in releasing NO, inhibiting apoptosis, necrosis, and elevated levels of reactive oxygen species (ROS) associated with hypoxia. It modulates vasodilation and shows protective effects in a mouse model of myocardial hypoxic injury, making it useful for coronary heart disease research.
Targets(IC50)	Apoptosis, Reactive Oxygen Species, ROS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2759 mL	16.3795 mL	32.759 mL
5 mM	0.6552 mL	3.2759 mL	6.5518 mL
10 mM	0.3276 mL	1.6379 mL	3.2759 mL
50 mM	0.0655 mL	0.3276 mL	0.6552 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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