

EGR-1-IN-3

## Chemical Properties

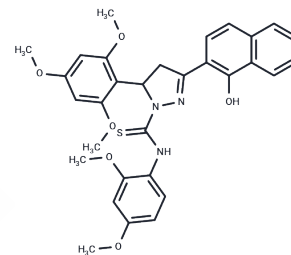
CAS No. : 1700655-93-1

Formula: C<sub>31</sub>H<sub>31</sub>N<sub>3</sub>O<sub>6</sub>S

Molecular Weight: 573.659

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	EGR-1-IN-3 (Compound 36) is an inhibitor of early growth response 1 (EGR-1) binding to DNA. It effectively suppresses the binding of EGR-1 to DNA and the expression of inflammation-related genes (such as TSLP, IL-31, IL-6, and CCL2) induced by TNF $\alpha$ . This compound is applicable to the study of inflammatory diseases.
Targets(IC50)	Interleukin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7432 mL	8.716 mL	17.4319 mL
5 mM	0.3486 mL	1.7432 mL	3.4864 mL
10 mM	0.1743 mL	0.8716 mL	1.7432 mL
50 mM	0.0349 mL	0.1743 mL	0.3486 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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