

## Anti-inflammatory agent 95

## Chemical Properties

CAS No. :

Formula: C<sub>16</sub>H<sub>21</sub>NO<sub>4</sub>

Molecular Weight: 291.34

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	Anti-inflammatory agent 95 (Compound 2e) is a compound with potent anti-inflammatory properties, showing significant inhibition of NO production in LPS-induced RAW 264.7 mouse macrophages, with an IC <sub>50</sub> of 8.8 μM. It also effectively suppresses the secretion of TNF-α and IL-1β, achieving inhibition rates of 60% and greater than 90% at 100 μM, respectively. Anti-inflammatory agent 95 holds promise for research into inflammatory diseases.
Targets(IC <sub>50</sub> )	NO Synthase, Interleukin, TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4324 mL	17.1621 mL	34.3242 mL
5 mM	0.6865 mL	3.4324 mL	6.8648 mL
10 mM	0.3432 mL	1.7162 mL	3.4324 mL
50 mM	0.0686 mL	0.3432 mL	0.6865 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481