

## Anti-inflammatory agent 74

### Chemical Properties

CAS No. :

Formula: C41H51NO14

Molecular Weight:

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 74 (B5) is known for its ability to inhibit NO, IL-6, and TNF- $\alpha$ , with IC50 values of 10.88 $\mu$ M and 4.93 $\mu$ M for NO and IL-6, respectively. It alleviates acute lung injury (ALI) by modulating inflammatory mediators and inhibiting the MAPK and NF- $\kappa$ B signaling pathways.
Targets(IC50)	NF- $\kappa$ B, Interleukin, p38 MAPK, TNF

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481