
Product Data Sheet

Product Name: BIO8898
Cat. No.: GC67680

Chemical Properties

Cas. No.

Formula $C_{53}H_{64}N_8O_6$ M.Wt 909.13

Solubility DMSO : 50 mg/mL (55.00 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

BIO8898 is a potent **CD40-CD154** inhibitor. BIO8898 inhibits soluble CD40L binding to CD40-Ig with an **IC₅₀** value of 25 μM. BIO8898 inhibits CD40L-induced **Apoptosis**^[1].

BIO8898 (0-100 μM; 3 days) inhibits CD40L-induced apoptosis in a dose-dependent manner^[1].

Apoptosis Analysis^[1]

Cell Line: CD40-TNFR-BHK cells

Concentration: 0-100 μM

Incubation Time: 3 days

Result: Inhibited the ability of 3 ng/ml mycCD40L plus 50 μg/ml cyclohexamide to induce apoptosis.

[1]. Silvian LF, et al. Small molecule inhibition of the TNF family cytokine CD40 ligand

Caution: Product has not been fully validated for medical applications. For research use only.

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through a subunit fracture mechanism. ACS Chem Biol. 2011 Jun 17;6(6):636-47.

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