

Anti-inflammatory agent 45

Chemical Properties

CAS No. :

Formula: C₂₅H₂₂BrNO₆

Molecular Weight: 512.35

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	Compound 2v (Anti-inflammatory agent 45) demonstrates anticancer properties with direct inhibitory impacts on the proliferation of various blood malignancies, such as leukemia, lymphoma, and myeloma cell lines. It induces apoptosis and suppresses nitric oxide production in HL60 leukemia cells (IC ₅₀ = 14.7 μM) [1].
Targets(IC ₅₀)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9518 mL	9.759 mL	19.5179 mL
5 mM	0.3904 mL	1.9518 mL	3.9036 mL
10 mM	0.1952 mL	0.9759 mL	1.9518 mL
50 mM	0.039 mL	0.1952 mL	0.3904 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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