

X-17

Chemical Properties

CAS No. :

Formula: C₁₆H₂₃N₃O₃S

Molecular Weight: 337.44

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	X-17 is a potent Vanin-1 inhibitor known for its anti-inflammatory and antioxidant properties. It reduces the expression of inflammatory factors and inhibits myeloperoxidase activity, while enhancing colonic glutathione reserves and restoring the intestinal barrier.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9635 mL	14.8174 mL	29.6349 mL
5 mM	0.5927 mL	2.9635 mL	5.927 mL
10 mM	0.2963 mL	1.4817 mL	2.9635 mL
50 mM	0.0593 mL	0.2963 mL	0.5927 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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