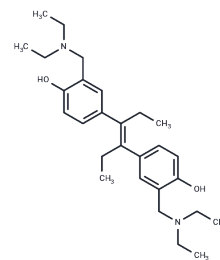


NSC 33994

Chemical Properties

CAS No. : 82058-16-0
 Formula: C₂₈H₄₂N₂O₂
 Molecular Weight: 438.65
 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	NSC 33994 is a selective inhibitor of JAK2 (IC ₅₀ = 60 nM). It also shows no effect on Src and TYK2 tyrosine kinase activity at a concentration of 25 μM.
Targets(IC ₅₀)	Others, Autophagy, JAK

Solubility Information

Solubility	DMSO: <1 mg/mL, Ethanol: <1 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2797 mL	11.3986 mL	22.7972 mL
5 mM	0.4559 mL	2.2797 mL	4.5594 mL
10 mM	0.228 mL	1.1399 mL	2.2797 mL
50 mM	0.0456 mL	0.228 mL	0.4559 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

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