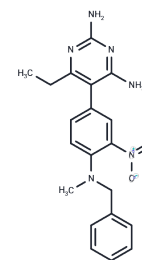


Methylbenzoprim

Chemical Properties

CAS No. : 118344-71-1
 Formula: C₂₀H₂₂N₆O₂
 Molecular Weight: 378.43
 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	Methylbenzoprim is an innovative multifunctional thymidylate synthase (TYMS) inhibitor. It exhibits greater antitumor activity compared to current fluoropyrimidines and antifolates, without inducing TYMS overexpression. In pancreatic xenograft tumor models and hTS/Ink4a/Arf null genetically engineered mouse models, Methylbenzoprim effectively prolongs survival.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6425 mL	13.2125 mL	26.425 mL
5 mM	0.5285 mL	2.6425 mL	5.285 mL
10 mM	0.2642 mL	1.3212 mL	2.6425 mL
50 mM	0.0528 mL	0.2642 mL	0.5285 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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