

Folitixorin

Chemical Properties

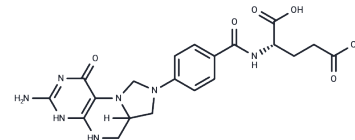
CAS No. : 3432-99-3

Formula: C20H23N7O6

Molecular Weight: 457.44

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ANX-510 is a folate-based biomodulator. It stabilizes the covalent binding of the fluorouracil metabolite FdUMP to thymidylate synthase, which results in inhibition of thymidylate synthase, depletion of thymidine triphosphate (TTP), a necessary constituent of DNA, and death of tumor cell.
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Solubility Information

Solubility	DMSO: Soluble, H2O: Insoluble, ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1861 mL	10.9304 mL	21.8608 mL
5 mM	0.4372 mL	2.1861 mL	4.3722 mL
10 mM	0.2186 mL	1.093 mL	2.1861 mL
50 mM	0.0437 mL	0.2186 mL	0.4372 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.

Reference

Costantini, Carrie L.; Reid, Tony R.; Bouvet, Michael. Resection of hepatic metastasis after 5-fluorouracil and CoFactor for colon cancer. *Hepato-Gastroenterology* (2009), 56(91-92), 645-649. CODEN: HEGAD4 ISSN:0172-6390.

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