

CB 3717

## Chemical Properties

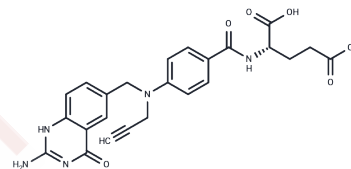
CAS No. : 76849-19-9

Formula: C<sub>24</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub>

Molecular Weight: 477.47

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	CB 3717 is an enzyme inhibitor, antineoplastic agent, folic acid antagonist.
Targets(IC50)	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0944 mL	10.4719 mL	20.9437 mL
5 mM	0.4189 mL	2.0944 mL	4.1887 mL
10 mM	0.2094 mL	1.0472 mL	2.0944 mL
50 mM	0.0419 mL	0.2094 mL	0.4189 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.

### Reference

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- Tang Y, Wang Y, Park KM, Hu Q, Teoh JP, Broskova Z, Ranganathan P, Jayakumar C, Li J, Su H, Tang Y, Ramesh G, Kim IM. MicroRNA-150 protects the mouse heart from ischaemic injury by regulating cell death. *Cardiovasc Res.* 2015 Jun 1;106(3):387-97. doi: 10.1093/cvr/cvv121. Epub 2015 Mar 30. PubMed PMID: 25824147; PubMed Central PMCID: PMC4447807.
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- Arvizu-Flores AA, Aispuro-Hernandez E, Garcia-Orozco KD, Varela-Romero A, Valenzuela-Soto E, Velazquez-Contreras EF, Rojo-Domínguez A, Yepiz-Plascencia G, Maley F, Sotelo-Mundo RR. Functional identity of the active sites of crustacean and viral thymidylate synthases. *Comp Biochem Physiol C Toxicol Pharmacol.* 2009 Sep;150(3):406-13. doi: 10.1016/j.cbpc.2009.06.008. Epub 2009 Jun 25. PubMed PMID: 19559812.

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