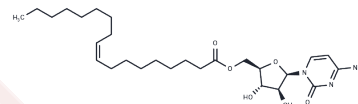


Elacytarabine

Chemical Properties

CAS No. : 188181-42-2
 Formula: C₂₇H₄₅N₃O₆
 Molecular Weight: 507.66
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Elacytarabine (M7594 0037), a lipid-conjugated derivative of the nucleoside analog cytarabine, is an antineoplastic drug. It has cytotoxicity in solid tumors.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (197 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9698 mL	9.8491 mL	19.6982 mL
5 mM	0.394 mL	1.9698 mL	3.9396 mL
10 mM	0.197 mL	0.9849 mL	1.9698 mL
50 mM	0.0394 mL	0.197 mL	0.394 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

DiNardo CD, et al. Elacytarabine (CP-4055) in the treatment of acute myeloid leukemia. Future Oncol. 2013 Aug;9 (8):1073-82.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481