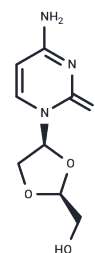


Troxacitabine

Chemical Properties

CAS No. :	145918-75-8
Formula:	C ₈ H ₁₁ N ₃ O ₄
Molecular Weight:	213.19
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Troxacitabine, a DNA polymerase inhibitor, is potentially used for the treatment of acute myeloid leukemia (AML). In comparison with gemcitabine, troxacitabine was equally active against MiaPaCa and was more efficacious against Panc-01.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, H ₂ O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6907 mL	23.4533 mL	46.9065 mL
5 mM	0.9381 mL	4.6907 mL	9.3813 mL
10 mM	0.4691 mL	2.3453 mL	4.6907 mL
50 mM	0.0938 mL	0.4691 mL	0.9381 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

Adema AD, Floor K, Smid K, Honeywell RJ, Scheffer GL, Jansen G, Peters GJ. Overexpression of MRP4 (ABCC4) and MRP5 (ABCC5) confer resistance to the nucleoside analogs cytarabine and troxacitabine, but not gemcitabine.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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