



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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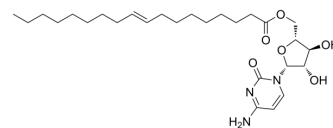
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Elacytarabine

Cat. No.:	HY-14941
CAS No.:	188181-42-2
Molecular Formula:	C ₂₇ H ₄₅ N ₃ O ₆
Molecular Weight:	507.66
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (246.23 mM; Need ultrasonic)
 Ethanol : 4 mg/mL (7.88 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9698 mL	9.8491 mL	19.6982 mL
	5 mM		0.3940 mL	1.9698 mL	3.9396 mL
	10 mM		0.1970 mL	0.9849 mL	1.9698 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.08 mg/mL (4.10 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.08 mg/mL (4.10 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Elacytarabine (CP 4055) is a lipid-conjugated derivative of the nucleoside analog cytarabine. Elacytarabine (CP 4055) is an antineoplastic agent with cytotoxicity in solid tumors.

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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