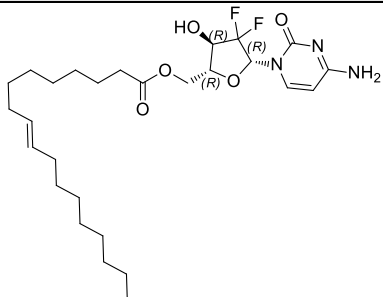




Certificate of Analysis

MedKoo Cat#: 204970	Product Name: Gemcitabine elaidate	Lot#: KB20524
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Chemical name	
(E)-((2R,3R,5R)-5-(4-amino-2-oxypyrimidin-1(2H)-yl)-4,4-difluoro-3-hydroxytetrahydrofuran-2-yl)methyl octadec-9-enoate	
Synonyms	
CO101; CO-101; CO 101; CP4126; CP-4126; CP 4126; Gemcitabine elaidate.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 204970 Name: Gemcitabine elaidate CAS#: 210829-30-4 Lot#: KB20524 Chemical Formula: C ₂₇ H ₄₃ F ₂ N ₃ O ₅ Exact Mass: 527.31708 Molecular Weight: 527.64

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE