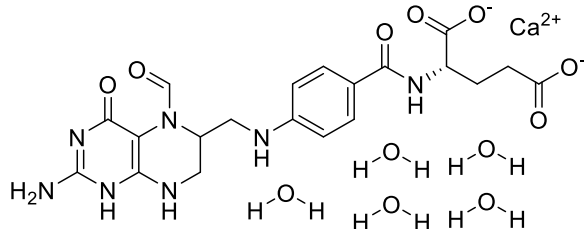




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100520	Leucovorin calcium hydrate	A9T04K18

Chemical name	
L-Glutamic acid, N-(4-(((2-amino-5-formyl-1,4,5,6,7,8-hexahydro-4-oxo-6-pteridiny)methyl)amino)benzoyl)-, calcium salt (1:1), pentahydrate	
Synonyms	
Folinic acid calcium salt pentahydrate; Leucovorin calcium hydrate;	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100520 Name: Leucovorin calcium hydrate CAS#: 6035-45-6 (calcium hydrate), Lot#: A9T04K18 Chemical Formula: C ₂₀ H ₃₁ CaN ₇ O ₁₂ Molecular Weight: 601.58

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 water (100mg /mL)
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