

L-Asparaginase

Cat. No.:	HY-P1923
CAS No.:	9015-68-3
Target:	Others
Pathway:	Others
Storage:	Protect from light
	Powder -80°C 2 years
	-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

L-Asparaginase

SOLVENT & SOLUBILITY

In Vitro	0.1 M HCL : 50 mg/mL (ultrasonic and adjust pH to 3 with HCl) H ₂ O : < 0.1 mg/mL (insoluble)
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BIOLOGICAL ACTIVITY

Description	L-Asparaginase (L-ASNase), a hydrolase that catalyzes the conversion of L-asparagine, used in acute lymphoblastic leukemia treatment. L-Asparaginase depletes L-asparagine from plasma resulting in inhibition of RNA and DNA synthesis with the subsequent blastic cell apoptosis ^[1] .
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REFERENCES

[1]. Piatkowska-Jakubas B, et al. Use of L-asparaginase in acute lymphoblastic leukemia: recommendations of the Polish Adult Leukemia Group. Pol Arch Med Wewn. 2008 Nov;118(11):664-9.

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

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