

## Data Sheet

Product Name:	L-Asparaginase
Cat. No.:	CS-0009569
CAS No.:	9015-68-3
Molecular Formula:	N/A
Molecular Weight:	N/A
Target:	Others
Pathway:	Others
Solubility:	10 mM in DMSO

## L-Asparaginase

### BIOLOGICAL ACTIVITY:

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<sup>[1]</sup>.

### 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.

### CAIndexNames:

Asparaginase

### SMILES:

[L-Asparaginase]

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA