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**Product Data Sheet**

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Product Name: L-Azatyrosine

Cat. No.: GC67542

**Chemical Properties**

Cas. No. 58525-82-9

Formula  $C_8H_{10}N_2O_3$  M.Wt 182.18

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

L-Azatyrosine is an antitumor antibiotic isolated from *Streptomyces chibaensis*. L-Azatyrosine can restore normal phenotypic behavior to transformed cells bearing oncogenic Ras genes<sup>[1][2]</sup>.

[1]. Adamczyk M, et, al. Enantioselective synthesis of (2-pyridyl)alanines via catalytic hydrogenation and application to the synthesis of L-azatyrosine. *Org Lett*. 2001 Oct 4;3(20):3157-9.

[2]. Shindo-Okada N, et, al. Permanent conversion of mouse and human cells transformed by activated ras or raf genes to apparently normal cells by treatment with the antibiotic azatyrosine. *Mol Carcinog*. 1989;2(3):159-67.

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

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