
Product Data Sheet

Product Name: 2,6-Dimethyl-L-tyrosine

Cat. No.: GC66679

Chemical Properties

Cas. No. 123715-02-6

Formula C₁₁H₁₅NO₃ M.Wt 209.24

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**

2,6-Dimethyl-L-tyrosine (Dmt) is a tyrosine derivative that enhances receptor affinity, functional bioactivity and in vivo analgesia of **opioid peptides**^[1].

[1]. Fujita Y, et al. Studies on the structure-activity relationship of 2',6'-dimethyl-L-tyrosine (Dmt) derivatives: bioactivity profile of H-Dmt-NH-CH(3). Bioorg Med Chem Lett. 2005 Feb 1;15(3):599-602.

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

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