

Product Data Sheet

Product Name: YLDLAPL

Cat. No.: GC78990

Chemical Properties

Cas. No.

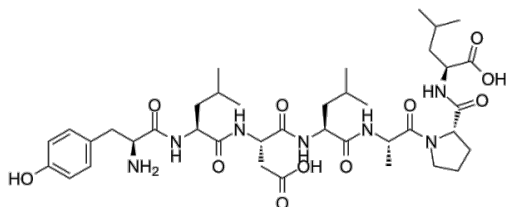
Formula $C_{39}H_{61}N_7O_{11}$ M.Wt 803.94

Solubility DMSO: 25 mg/mL (31.10 mM; Need ultrasonic) Storage Sealed storage, away from moisture

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

YLDLAPL is a sleep-enhancing peptide that can be isolated from truffle albumin hydrolysate. YLDLAPL exhibits sleep-promoting effects via regulation of lysosomal autophagy, neurological activity, tyrosine metabolism, and fatty acid elongation [1].

References:

[1]. Li Y, et al. Truffle protein and its derived peptides exhibit sleep-promoting effects via regulation of lysosomal autophagy, neurological activity, tyrosine metabolism, and fatty acid elongation. Int J Biol

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

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