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## Product Data Sheet

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Product Name: 3,5-Dinitro-L-tyrosine sodium

Cat. No.: GC66715

### Chemical Properties

Cas. No. 502481-30-3

Formula  $C_9H_8N_3NaO_7$  M.Wt 293.17

Solubility Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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

3,5-Dinitro-L-tyrosine sodium is a **tyrosine derivative**. 3,5-Dinitro-L-tyrosine sodium as artificial substrate, has zero activity relative to tyrosine as a substrate for tyrosine aminotransferase<sup>[1]</sup>.

[1]. N Fishman, et al. Relation of triiodothyronine and reverse triiodothyronine administration in rats to hepatic L-triiodothyronine aminotransferase activity. Endocrinology. 1977 Apr;100(4):1055.

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

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