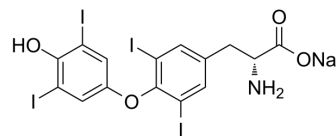


## D-Thyroxine sodium

Cat. No.:	HY-A0152A
CAS No.:	137-53-1
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> I <sub>4</sub> NNaO <sub>4</sub>
Molecular Weight:	798.85
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	D-thyroxine (D-T4) sodium is a laevorotatory isomer of thyroxine, and can used for the research of the dysfunctions of thyroid <sup>[1][2]</sup> .
<b>In Vitro</b>	D-thyroxine sodium also influences the pharmacologic effect of bishydroxycoumarin <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>In Vivo</b>	D-thyroxine sodium inhibits the metabolism of bishydroxycoumarin as well as that of meperidine and pentobarbital in mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. John J. Schrogie M.D., et al. II. The effect of D-thyroxine, clofibrate, and norethandrolone. Clinical Pharmacology and Therapeutics, Volume8, Issue1part1 January 1967 Pages 70-77

[2]. Raluca-IoanaStefan, et al. Simultaneous determination of l-thyroxine (l-T4), d-thyroxine (d-T4), and l-triiodothyronine (l-T3) using a sensors/sequential injection analysis system.

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

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