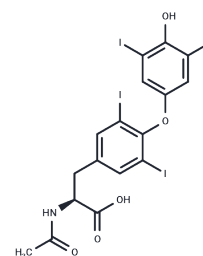


## N-Acetylthyroxine

## Chemical Properties

CAS No. :	26041-51-0
Formula:	C <sub>17</sub> H <sub>13</sub> I <sub>4</sub> NO <sub>5</sub>
Molecular Weight:	818.91
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	N-Acetylthyroxine is a kind of Thyroxine analogue for the treatment of diagnosing and treating diabetes.
Targets(IC50)	Others,Thyroid hormone receptor(THR)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2211 mL	6.1057 mL	12.2114 mL
5 mM	0.2442 mL	1.2211 mL	2.4423 mL
10 mM	0.1221 mL	0.6106 mL	1.2211 mL
50 mM	0.0244 mL	0.1221 mL	0.2442 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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- Neuhäuser M, Welsch B, Bässler B. [Utilization of N-acetylated amino acids in solutions for intravenous feeding. Cleavage of N-acetyltyrosine and N-acetylcysteine in rat tissues]. *Z Ernährungswiss*. 1982 Mar;21(1):21-6. German. PubMed PMID: 6803462.
- Napolitano MJ, Green BJ, Nicoson JS, Margerum DW. Chlorine dioxide oxidations of tyrosine, N-acetyltyrosine, and dopa. *Chem Res Toxicol*. 2005 Mar;18(3):501-8. PubMed PMID: 15777090.
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