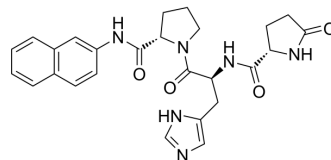


## TRH-βNA

Cat. No.:	HY-P4584
CAS No.:	73644-58-3
Molecular Formula:	C <sub>26</sub> H <sub>28</sub> N <sub>6</sub> O <sub>4</sub>
Molecular Weight:	488.54
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

TRH-βNA is a substrate for determining the membrane TRH-deamidating enzyme (TRH-DE) activity and membrane pyroglutamyl aminopeptidase II (PPII) activity<sup>[1][2]</sup>.

## REFERENCES

- [1]. Müller-Fielitz H, et al. Tanycytes control the hormonal output of the hypothalamic-pituitary-thyroid axis. *Nat Commun.* 2017 Sep 7;8(1):484.
- [2]. Alvarez-Salas E, et al. Food-restricted and dehydrated-induced anorexic rats present differential TRH expression in anterior and caudal PVN. Role of type 2 deiodinase and pyroglutamyl aminopeptidase II. *Endocrinology.* 2012 Aug;153(8):4067-76.

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

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