

DATASHEET

Version: 2016-08-18

Thyrotropin-Releasing Hormone (TRH)**Cat. No.:** RP10112**Size:** 5 mg**Alias:** L-Pyroglutamyl-L-histidyl-L-prolinamideThyroliberin**Description:**

Thyrotropin-releasing hormone (TRH) is a tripeptide hormone secreted by the hypothalamus that stimulates the release of thyrotropin. This tripeptide is involved in the regulation of the hypothalamic pituitary-thyroid axis; it stimulates the synthesis and release from the anterior pituitary of thyrotropin (TSH) and prolactin.

Cas No: 24305-27-9**C-Terminal:** NH₂**Sequence (one-letter code):**pEHP-NH₂**Sequence (three-letter code):**{pGLU}{HIS}{PRO}-NH₂**Solubility:** The peptide is soluble in water to 10 mg/ml, appearing clear and colorless.**Formula:** C₁₆H₂₂N₆O₄**Molecular Weight:** 362.38**Purity:** > 95%**Storage:**

Store the peptide at -20°C. Keep container tightly closed.

Note: TRH and phorbol esters stimulate sphingomyelin synthesis in GH₃ pituitary cells.

*For Non-Clinical Research Use Only *

