

Thyrotropin-releasing hormone receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

Anthony P. Davenport¹, Marvin Gershengorn² and Rebecca Hills³

1. University of Cambridge, UK
2. National Institutes of Health, USA
3. University of Edinburgh, UK

Abstract

Thyrotropin-releasing hormone (TRH) receptors (**provisional nomenclature as recommended by NC-IUPHAR [13]**) are activated by the endogenous tripeptide TRH (pGlu-His-ProNH₂). TRH and TRH analogues fail to distinguish TRH₁ and TRH₂ receptors [28]. [³H]TRH (human, mouse, rat) is able to label both TRH₁ and TRH₂ receptors with K_d values of 13 and 9 nM respectively. Synthesis and biology of ring-modified L-Histidine containing TRH analogues has been reported [22].

Contents

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Receptors

TRH₁ receptor

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