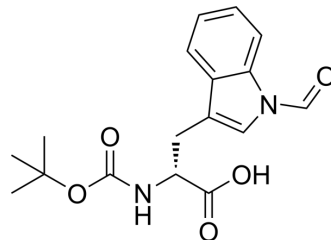


Boc-D-Trp(For)-OH

Cat. No.:	HY-P4716
CAS No.:	64905-10-8
Molecular Formula:	C ₁₇ H ₂₀ N ₂ O ₅
Molecular Weight:	332.35
Sequence:	Boc-{d-Trp(For)}
Sequence Shortening:	Boc-{d-Trp(For)}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Boc-D-Trp(For)-OH, containing the amino acid tryptophan, is synthesized by the ammonolysis of Boc-protected D-alanine, followed by cyclization to form a dipeptide with ninhydrin. Boc-D-Trp(For)-OH has pharmacological properties, including inhibition of growth hormone release, induction of sleep and antiinflammatory ^{[1][2]} .
IC ₅₀ & Target	others

REFERENCES

[1]. L Yang, et al. Tripeptide growth hormone secretagogues. *Bioorg Med Chem Lett*. 1998 Apr 7;8(7):759-64.

[2]. Si Tang, et al. Network pharmacology prediction and molecular docking-based strategy to explore the pharmacodynamic substances and mechanism of "Mung Bean" against bacterial infection. *Drug Dev Ind Pharm*. 2022 Feb;48(2):58-68.

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

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