



>>Entry Name: Dynorphin B

Synonym(s): Prodynorphin 228-240. Rimorphin

CAS Registry Number: 83335-41-5

Related CAS Registry Numbers(s): 85006-82-2

Type of Compound Code(s): VV0450 XA5730 AH0450

H-Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Gln-Phe-Lys-Val-Val-Thr-OH

Molecular Formula: C₇₄H₁₁₅N₂₁O₁₇

Molecular Weight: 1570.853

Accurate Mass: 1569.877984

Percentage Composition: C 56.58%; H 7.38%; N 18.72%; O 17.31%

General Statement: Contains leucine enkephalin

Biological Source: Isol. from pituitary of human, pig, rat and ox

Use/Importance: Possesses high opiate activity

References:

Fischli, W. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 1982, **79**, 5435, (*isol, struct*)

Horikawa, S. *et al.*, *Nature (London)*, 1983, **306**, 611, (*isol*)

Kiso, Y. *et al.*, *Pept. Chem.*, 1983, **21**, 93, (*synth*)

Goldstein, A. *et al.*, *Peptides (N.Y.)*, 1984, **6**, 95, (*rev*)

Civelli, O. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 1985, **82**, 4291, (*isol*)

Smith, A.P. *et al.*, *Annu. Rev. Pharmacol. Toxicol.*, 1988, **28**, 123, (*rev, pharmacol*)