



>>Entry Name: Ranatensin, 9CI

CAS Registry Number: 29451-71-6

H-5-OxoPro-Val-Pro-Gln-Trp-Ala-Val-Gly-His-Phe-MetNH₂

Molecular Formula: C₆₁H₈₄N₁₆O₁₃S

Molecular Weight: 1281.5

Accurate Mass: 1280.612449

Percentage Composition: C 57.17%; H 6.61%; N 17.49%; O 16.23%; S 2.50%

Biological Source: Isol. from frog skin (*Rana pipiens*)

Use/Importance: Vasoactive peptide related to Bombesin

Sigma: R9002

References:

Nakajima, T. *et al.*, *Fed. Proc.*, 1970, **23**, 282, (*isol*)

Rivier, J.E. *et al.*, *Biochemistry*, 1978, **17**, 1766, (*synth, props*)

Hernandez, O. *et al.*, *J. Labelled Compd.*, 1984, **7**, 893, (*hplc*)

Howard, J.M. *et al.*, *Aust. J. Pharm.*, 1985, **248**, G196, (*biol activity*)

Krane, I.M. *et al.*, *J. Biol. Chem.*, 1988, **263**, 13317; 1990, **265**, 7091, (*cloning*)

Ersparmer, G.F. *et al.*, *Regul. Pept.*, 1988, **21**, 1, (*biol activity*)