



>>Entry Name: Tetragastrin

Synonym(s): Tryptophylmethionyl- α -aspartylphenylalaninamide, 9Cl. CCK 4

H-Trp-Met-Asp-Phe-NH₂

Molecular Formula: C₂₉H₃₆N₆O₆S

Molecular Weight: 596.706

Accurate Mass: 596.241704

Percentage Composition: C 58.37%; H 6.08%; N 14.08%; O 16.09%; S 5.37%

>>Variant: All-L-form

CAS Registry Number: 1947-37-1

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Use/Importance: CCK_B selective agonist. Brain-gut peptide. Exp. anxiogenic agent, causes acute anxiety symptoms in patients with panic disorder

Physical Description: Powder

Optical Rotation: $[\alpha]_{\text{D}}^{20} -13.1$ (c, 0.2 in 1M AcOH)

References:

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Montigny, C., *Arch. Gen. Psychiatry*, 1989, **46**, 511, (*bibl, pharmacol*)

Forno, G.D. *et al.*, *J. Pharmacol. Exp. Ther.*, 1992, **261**, 1056, (*bibl, pharmacol*)

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