



>>Entry Name: Giractide, INN

Synonym(s): 1-Glycine-18-L-argininamide- α^{1-18} -corticotropin, 8Cl. Acthormon. Octadecactide. Renactid. S 50022

CAS Registry Number: 24870-04-0

Related CAS Registry Numbers(s): 37998-27-9

Gly-Tyr-Ser-Met-GluNH₂-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-NH₂

Molecular Formula: C₁₀₀H₁₅₆N₃₄O₂₂S

Molecular Weight: 2218.613

Accurate Mass: 2217.185416

Percentage Composition: C 54.14%; H 7.09%; N 21.47%; O 15.87%; S 1.45%

Use/Importance: Synthetic corticotropin

Development Status: No longer marketed

Optical Rotation: $[\alpha]_D^{23} -55.3$ (c, 0.51 in AcOH)

References:

Otsuka, H. *et al.*, *Bull. Chem. Soc. Jpn.*, 1970, **43**, 196, (*synth, pharmacol*)

Takebe, K. *et al.*, *J. Clin. Endocrinol. Metab.*, 1971, **33**, 356, (*pharmacol*)

Ger. Pat., 1972, *Shionogi*, 2 157 535; *CA*, **77**, 66192k, (*use*)

Terabe, S. *et al.*, *J. Chromatogr.*, 1979, **172**, 163, (*hplc*)