

## (D-Phe<sup>12</sup>,Nle<sup>21,38</sup>,α-Me-Leu<sup>37</sup>)-CRF (12-41) (human, rat)

Cat. No.:	HY-P4542
CAS No.:	150646-45-0
Molecular Formula:	C <sub>159</sub> H <sub>267</sub> N <sub>49</sub> O <sub>43</sub>
Molecular Weight:	3553.12
Sequence:	{d-Phe}-His-Leu-Leu-Arg-Glu-Val-Leu-Glu-{Nle}-Ala-Arg-Ala-Glu-Gln-Leu-Ala-Gln-Gln-Ala-His-Ser-Asn-Arg-Lys-{Leu(α-Me)}-{Nle}-Glu-Ile-Ile-NH <sub>2</sub>
Sequence Shortening:	{d-Phe}-HLLREVLE-{Nle}-ARAEQLAQQAHSNRK-{Leu(α-Me)}-{Nle}-EII-NH <sub>2</sub>
Target:	CRFR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	(D-Phe <sup>12</sup> ,Nle <sup>21,38</sup> ,α-Me-Leu <sup>37</sup> )-CRF (12-41) (human, rat) is a CRF antagonist. (D-Phe <sup>12</sup> ,Nle <sup>21,38</sup> ,α-Me-Leu <sup>37</sup> )-CRF (12-41) (human, rat) prevents the IL-1α induced Luteinizing hormone (LH) inhibition <sup>[1]</sup> .
-------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### REFERENCES

[1]. Feng YJ, et al. An inhibitory effects of interleukin-1α on basal gonadotropin release in the ovariectomized rhesus monkey: reversal by a corticotropin-releasing factor antagonist. *Endocrinology*. 1991 Apr;128(4):2077-82.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA