



>>Entry Name: **Leptin**

Synonym(s): *Ob* gene product

CAS Registry Number: 169494-85-3

Biological Use/Importance: Secreted by adipocytes. Travels a signalling pathway to the brain to regulate satiety and weight loss

>>Variant: Human-form

CAS Registry Number: 177404-21-6

>>Derivative: *N*-Methionyl

Synonym(s): **Metreleptin**, INN, USAN. *N*-Methionylleptin (human)

CAS Registry Number: 186018-45-1

Extra CAS Registry Numbers(s): 177404-22-7

Biological Use/Importance: Antihyperlipidaemic agent

References:

Zhang, X.-Y. *et al.*, *Nature (London)*, 1994, **372**, 425-432; 1995, **377**, 530-532; 1996, **382**, 589, (*cloning, activity*)

Caro, J.F. *et al.*, *Diabetes*, 1996, **45**, 1455-1462, (*activity*)

Bray, G.A., *Lancet*, 1996, **348**, 140-141, (*activity*)

U.K. Pat., (Rockefeller Univ.), 1996, 2 292 382; *CA*, **125**, 26940f, (*metreleptin*)

Marti, A. *et al.*, *J. Physiol. Biochem.*, 1999, **55**, 43-49, (*rev*)

Schwartz, M.W. *et al.*, *Nature (London)*, 2000, **404**, 661-671, (*rev*)