

Title (en)  
PHOSPHODIESTERASE 9 INHIBITION AS TREATMENT FOR OBESITY-RELATED CONDITIONS

Title (de)  
PHOSPHODIESTERASE-9-HEMMUNG ALS BEHANDLUNG GEGEN ERKRANKUNGEN IM ZUSAMMENHANG MIT FETTSUCHT

Title (fr)  
INHIBITION DE LA PHOSPHODIESTERASE 9 COMME TRAITEMENT D'ETATS ASSOCIES A L'OBESITE

Publication  
**EP 1686998 A1 20060809 (EN)**

Application  
**EP 04769658 A 20041018**

Priority  
• IB 2004003396 W 20041018  
• US 51621303 P 20031031

Abstract (en)  
[origin: WO2005041972A1] The present invention is directed to methods to decrease body weight and/or body fat in an animal, e.g., in the treatment of overweight or obese patients (e.g., humans or companion animals), or as a means to produce leaner meat in food stock animals (e.g., cattle, chickens, pigs), and methods to treat eating disorders (e.g., binge eating disorder and bulimia) in patients in need thereof by administering a PDE9 inhibitor. The invention also features biological tools to further study PDE9 function, i.e., genetically-modified mice and animal cells having a PDE9 gene disruption.

IPC 8 full level  
**A61K 31/505** (2006.01); **A01K 67/027** (2006.01); **A61K 38/46** (2006.01); **C12N 5/0735** (2010.01); **C12N 9/16** (2006.01); **C12N 15/113** (2010.01); **C12N 15/85** (2006.01)

CPC (source: EP)  
**A01K 67/0276** (2013.01); **A61K 31/505** (2013.01); **A61P 3/04** (2017.12); **A61P 3/10** (2017.12); **A61P 9/10** (2017.12); **A61P 9/12** (2017.12); **A61P 19/02** (2017.12); **A61P 25/24** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C12N 5/0606** (2013.01); **C12N 9/16** (2013.01); **C12N 15/1137** (2013.01); **C12N 15/8509** (2013.01); **A01K 2217/072** (2013.01); **A01K 2217/075** (2013.01); **A01K 2227/105** (2013.01); **A01K 2267/03** (2013.01); **C12N 2510/00** (2013.01); **C12N 2517/00** (2013.01)

Citation (search report)  
See references of WO 2005041972A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005041972 A1 20050512**; BR PI0416118 A 20070102; CA 2543522 A1 20050512; EP 1686998 A1 20060809; JP 2007509923 A 20070419; TW 200526783 A 20050816

DOCDB simple family (application)  
**IB 2004003396 W 20041018**; BR PI0416118 A 20041018; CA 2543522 A 20041018; EP 04769658 A 20041018; JP 2006537457 A 20041018; TW 93133068 A 20041029