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(71) Applicant(s):

TAKEDA CAMBRIDGE LIMITED [GB/GB]; 418 Cambridge Science Park Milton Road Cambridge CB4 0PA (GB) (*for all designated states except US*)

SHOWELL, Graham, Andrew [GB/GB]; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB) (*for US only*)

MILLER, David, John [GB/GB]; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB) (*for US only*)

GLEN, Angela [GB/GB]; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB) (*for US only*)

CUBILLO DE DIOS, Maria, Angeles [ES/GB]; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB) (*for US only*)

MERCHANT, Kevin [GB/GB]; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB) (*for US only*)

MANDAL, Ajay, Kumar [IN/GB]; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB) (*for US only*)

(72) Inventor(s):

SHOWELL, Graham, Andrew; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB)

MILLER, David, John; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB)

GLEN, Angela; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB)

CUBILLO DE DIOS, Maria, Angeles; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB)

MERCHANT, Kevin; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB)

MANDAL, Ajay, Kumar; Paradigm Therapeutics Ltd. 418 Cambridge Science Park Milton Road Cambridge CB4 0GP (GB)

(74) Agent(s):

GILL JENNINGS & EVERY LLP; Broadgate House 7 Eldon Street London EC2M 7LH (GB)

(54) Title (EN): HETEROCYCLIC NON-PEPTIDE GNRH ANTAGONISTS

(54) Title (FR): ANTAGONISTES NON-PEPTIDES HETEROCYCLIQUES DE GNRH

(57) Abstract:

(EN): A compound of formula (I): wherein either B is absent and A and Z are the same or different and are each hydrogen, halogen, alkyl, hydroxy, alkoxy, $-CN$, $-C(R^c)_2OH$, $-N(R^d)C(=X)R^c$, $-C(=X)N(R^c)(R^d)$, $-S(O)_m-R^c$, $-N(R^c)(R^d)S(O)_2$, $-S(O)_2N(R^c)(R^d)$, $-N(R^e)_2$, aryl optionally substituted with R^a or $-O$ -aryl optionally substituted with R^a ; or B is present and is $(CH_2)_n$, $-C(R^b)_2$ - or $-O$ -, or B taken together with A or Z can be $-C=C(R^b)$ -, $-C(R^b)=C$ -, $-CH_2-CH(R^b)$ - or $-CH(R^b)-CH_2$ -; D is $-O$ - or $-S(O)_m$ -; E is a bond or is $-(CH_2)_n$ -, $-N(R^d)$ -, $-(CH_2)_nN(R^d)$ - or $-N(R^d)(CH_2)_n$ -; F is $-C(=X)$ -; G is $-(CH_2)_n$ -, $-N(R^d)$ -, $-(CH_2)_nN(R^d)$ - or $-N(R^d)(CH_2)_n$ -; J is a bond, $-O$ -, $-N(R^c)C(=X)$ -, $-C(=X)N(R^c)$ -, $-S(O)_m$ -, $-N(R^c)S(O)_m$ -, $-S(O)_nN(R^c)$ -, $-N(R^e)$ - or $-N(R^g)(R^h)$; K is a bond, alkylene, cycloalkylene, cycloalkenylene, arylene, heterocycloalkylene, heterocycloalkylene or heteroarylene; and L is hydrogen or a terminal group; has therapeutic utility.

(FR): Composé de formule (I) possédant une utilité thérapeutique. Dans ladite formule soit B est absent et A et Z sont identiques ou différents et représentent chacun hydrogène, halogène, alkyle, hydroxy, alkoxy, $-CN$, $-C(R^c)_2OH$, $-N(R^d)C(=X)R^c$, $-C(=X)N(R^c)(R^d)$, $-S(O)_m-R^c$, $-N(R^c)(R^d)S(O)_2$, $-S(O)_2N(R^c)(R^d)$, $-N(R^e)_2$, aryle éventuellement substitué par R^a ou $-O$ -aryle éventuellement substitué par R^a ; soit B est présent et représente $-(CH_2)_n$ -, $-C(R^b)_2$ - ou $-O$ -, soit B conjointement avec A ou Z peut être représenté par $-C=C(R^b)$ -, $-C(R^b)=C$ -, $-CH_2-CH(R^b)$ - ou $-CH(R^b)-CH_2$ -; D représente $-O$ - ou $-S(O)_m$ -; E représente une liaison ou $-(CH_2)_n$ -, $-N(R^d)$ -, $-(CH_2)_nN(R^d)$ - ou $-N(R^d)(CH_2)_n$ -; F représente $-C(=X)$ -; G représente $-(CH_2)_n$ -, $-N(R^d)$ -, $-(CH_2)_nN(R^d)$ - ou $-N(R^d)(CH_2)_n$ -; J représente une liaison, $-O$ -, $-N(R^c)C(=X)$ -, $-C(=X)N(R^c)$ -, $-S(O)_m$ -, $-N(R^c)S(O)_m$ -, $-S(O)_nN(R^c)$ -, $-N(R^e)$ - ou $-N(R^g)(R^h)$; K représente une liaison, alkylène, cycloalkylène, cycloalcénylène, arylène, hétérocycloalkylène, hétérocycloalkylène ou hétéroarylène; et L représente hydrogène ou un groupe terminal.

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