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(54) Title: COMPOUNDS FOR PROMOTING FOLLICLE MATURATION

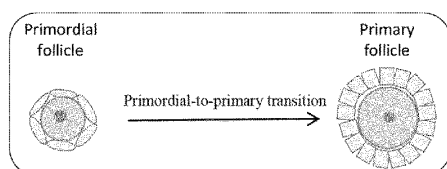


Fig. 1

(57) Abstract: Some analogues (eg. 3-carbamoyl-1-(tetrahydro-2H-pyran-4-yl)pyridin-1-ium, 3-carboxy-1-isopropylpyridin-1-ium, 1-benzyl-3-carbamoylpyridin-1-ium, 3-carbamoyl-1-methylpyridin-1-ium and cyclopamine) are disclosed to treat female infertility as the compounds increase the percentage of primary follicles relative to primordial follicles compared to control samples.

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