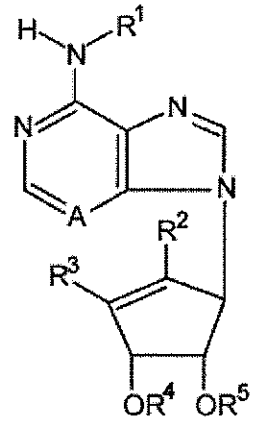
ABSTRACT OF THE DISCLOSURE

METHODS FOR CANCER THERAPY AND STEM CELL MODULATION

The present invention relates to a method of inducing apoptosis in a tumour cell as well as modulating pluripotency and/or self-renewing characteristics of a stem/progenitor cell. The method comprises administering to the respective cell a compound of the general formula (I)



In the general formula A is C or N. R^1, R^4 and R^5 are, independently selected, H or aliphatic, cycloaliphatic, aromatic, arylaliphatic, or arylcycloaliphatic hydrocarbyl groups, that comprise 0 - 3 heteroatoms being N, O, S, or Si. R^4 and R^5 may optionally be linked so as to define an aliphatic hydrocarbyl bridge. R^2 is H or a halogen, such as F or Cl. R^3 is H, or an aliphatic or arylaliphatic hydrocarbyl group comprising 1 - 8 main chain carbon atoms and 0 - 3 heteroatoms being N, O, S, Si, or a halogen such as Cl or F. Also provided is a pharmaceutical composition for inducing apoptosis in a tumour cell and/or modulating pluripotency and/or self-renewing characteristics of a stem/progenitor cell. The pharmaceutical composition comprises a compound as defined above or a pharmaceutically acceptable salt thereof and a carrier or diluent.

Fig. 3A