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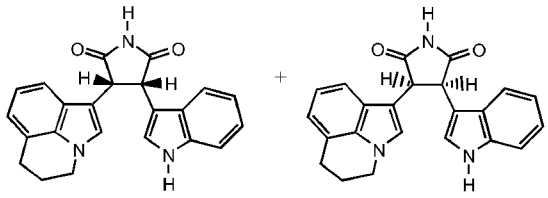
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[Continued on next page]

(54) Title: PURIFIED PYRROLOQUINOLINYL-PYRROLIDINE-2,5-DIONE COMPOSITIONS AND METHODS FOR PREPARING AND USING SAME

(±)-cis-3-(5,6-dihydro-4H-pyrrolo [3,2,1-ij] quinolin-1yl)-4(1H-indol-3-yl) pyrrolidine-2, 5-dione



(±)-trans-3-(5,6-dihydro-4H-pyrrolo [3,2,1-ij] quinolin-1-yl)-4(1H-indol-3-yl) pyrrolidine-2, 5-dione.

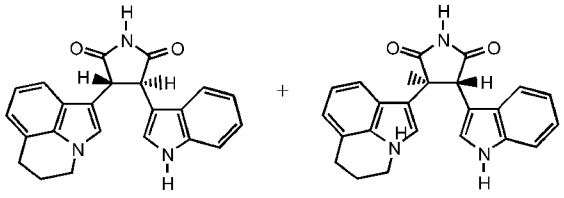


FIG. 1

(57) Abstract: The present invention relates to a form 1 and form 2 polymorph of (-)-trans -3 -(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2,5-dione. The present invention also relates to (-)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4- (1*H*-indol-3-yl) pyrrolidine-2, 5-dione compounds having a chiral purity greater than 99%, and methods of preparation of these compounds. The present invention also relates to pharmaceutical compositions comprising these (-)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-l-yl)-4-(lH-indol-3-yl) pyrrolidine-2, 5-dione compounds. The present invention provides methods of treating a cell proliferative disorder, such as a cancer, by administering to a subject in need thereof a therapeutically effective amount of a composition comprising (-)-trans- 3-(5,6-dihydro-4H-pyrrolo [3,2,1-*ij*] quinolin-l-yl)-4-(l*H*-indol-3-yl) pyrrolidine-2, 5-dione having a chiral purity greater than 99% or a form 1 and form 2 polymorph of (-)-trans -3 -(5,6- dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2,5-dione.

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