

SOLID DISPERSIONS CONTAINING KINASE INHIBITORS

ABSTRACT

A solid dispersion comprises, in essentially non-crystalline form, a kinase inhibitory compound, e.g., N-(4-{4-amino-7-[1-(2-hydroxyethyl)-1H-pyrazol-4-yl]thieno[3,2-c]pyridin-3-yl}phenyl)-N'-(3-fluorophenyl)urea, dispersed in a solid matrix that comprises (a) a pharmaceutically acceptable water-soluble polymeric carrier and (b) a pharmaceutically acceptable surfactant. A process for preparing such a solid dispersion comprises dissolving the compound, the polymeric carrier and the surfactant in a suitable solvent, and removing the solvent to provide a solid matrix comprising the polymeric carrier and the surfactant and having the compound dispersed in essentially non-crystalline form therein. The solid dispersion is suitable for oral administration to a subject in need thereof for treatment of a cancer.

No suitable figure