

ABSTRACT

METHOD FOR PREPARING 1-(4-(4-(3,4-DICHLORO-2-FLUOROPHENYLAMINO)-7-METHOXYQUINAZOLIN-6-YLOXY)PIPERIDIN-1-YL)-PROP-2-EN-1-ONE HYDROCHLORIDE AND INTERMEDIATES USED THEREIN

The present invention relates to an improved method for preparing 1-(4-(4-(3,4-dichloro-2-fluorophenylamino)-7-methoxyquinazolin-6-yloxy)piperidin-1-yl)-prop-2-en-1-one hydrochloride, which selectively and effectively inhibits the growth of cancer cells induced by over-expression of an epidermal growth factor receptor (EGFR) and prevents the development of drug resistance caused by mutation of a tyrosine kinase, and intermediates used therein.