

The invention relates to an improved method for the production of 4-[(3-chloro-4-fluorophenyl)amino]-6-{[4-(N,N-dimethylamino)-1-oxo-2-butene-1-yl]amino}-7-((S)-tetrahydrofuran-3-yloxy)-quinazoline and related amino crotonyl compounds. The invention also relates to a suitable salt of 4-[(3-chloro-4-fluorophenyl)amino]-6-{[4-(N,N-dimethylamino)-1-oxo-2-butene-1-yl]amino}-7-((S)-tetrahydrofuran-3-yloxy)-quinazoline for use as an active ingredient for a medicament.