

2.3 Synthesis of aminoacetylenic compounds (AM1-6)

A mixture of 2-(prop-2-yn-1-yl)-2,3,3a,4,7,7a-hexahydro-1H-isoindole-1,3-dione (2g), paraformaldehyde (0.5 g), cyclic amines around (0.01mol) and cuprous chloride catalytic amount (0.03 g), in peroxide-free dioxane 35ml was refluxed for 1 hour. Filtered and evaporated under reduced pressure afforded compounds (AM1 -6).