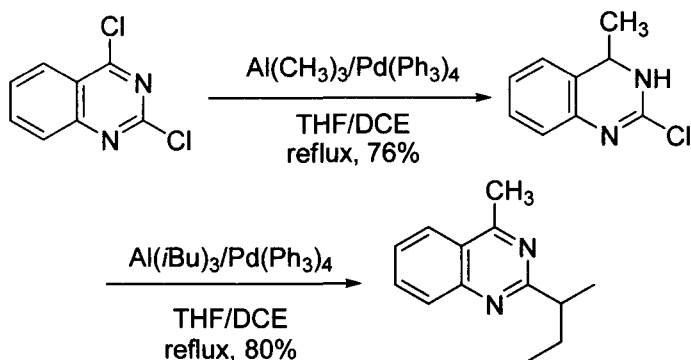


Trialkylalanes have been employed in the production of a series of biologically relevant 2,4-disubstituted quinazolines.¹³ In one example, reaction of 2,4-dichloroquinazoline with methylalane gave the corresponding 4-substituted product selectively in 76% yield. Treatment of the 4-substituted product with *iso*-butylalane under the same conditions gave the 2,4-disubstituted product in 61% yield over two steps.



Harayma and co-workers used a palladium-assisted cyclization to synthesize rutaecarpine, a compound that has been shown to induce hypotension and vasorelaxation.¹⁴ Treatment of an *N*-acyl-2-bromo-indole tethered quinazolinone with palladium (II) acetate in the presence of PCy_3 and potassium acetate furnished the desired product in 89% yield.

