

Pyridylamination for monosaccharides

Natsuka, S., ed.

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monosaccharides (less than 300 nmol)

↓ 7 μ l of PA-reagent (~35 μ mol 2-AP)

↓ 90°C, 15 min

↓ evaporation by Palstation at 60°C, 20 min under N₂ stream

↓ 25 μ l of reduction reagent

↓ 80°C, 35 min

↓ evaporation by Palstation with 30 μ l of toluene at 40°C, 10 min under N₂ stream, twice

PA-monosaccharides

PA-reagent

{ 100 mg 2-AP
47 μ l AcOH
60 μ l MeOH

reduction reagent

{ 50 mg Me₂NH·BH₃
20 μ l AcOH
12.5 μ l DDW