

2,4,5-Triamino-6-hydroxypyrimidine dihydrochloride

Product number 10.010

In a 100 ml round bottom flask with an egg-shaped magnetic stir bar are placed 5.0 g of 2,4,5-triamino-6-hydroxypyrimidine sulfate, 4.7 g of barium chloride dihydrate, 22 ml of water and 4 drops of HCl 32%.

The suspension is refluxed for 5 minutes, filtered through a Whatman® glass microfiber filtration funnel and rinsed with 30 ml of hot water. To the filtrate are added 0.75 ml of HCl 32% and this mixture is evaporated by means of a rotary evaporator to about 12 g. 4.5 ml of HCl 32% are added.

After 1 hour the round bottom flask is placed in a freezer overnight.

The precipitation is filtered through a sintered disc filter funnel and dried in a vacuum desiccator over NaOH to give 4.3 g of 2,4,5-triamino-6-hydroxypyrimidine dihydrochloride.