

A multi-enzymatic cascade reaction for the synthesis of vidarabine 5'-monophosphate

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Supplementary Material

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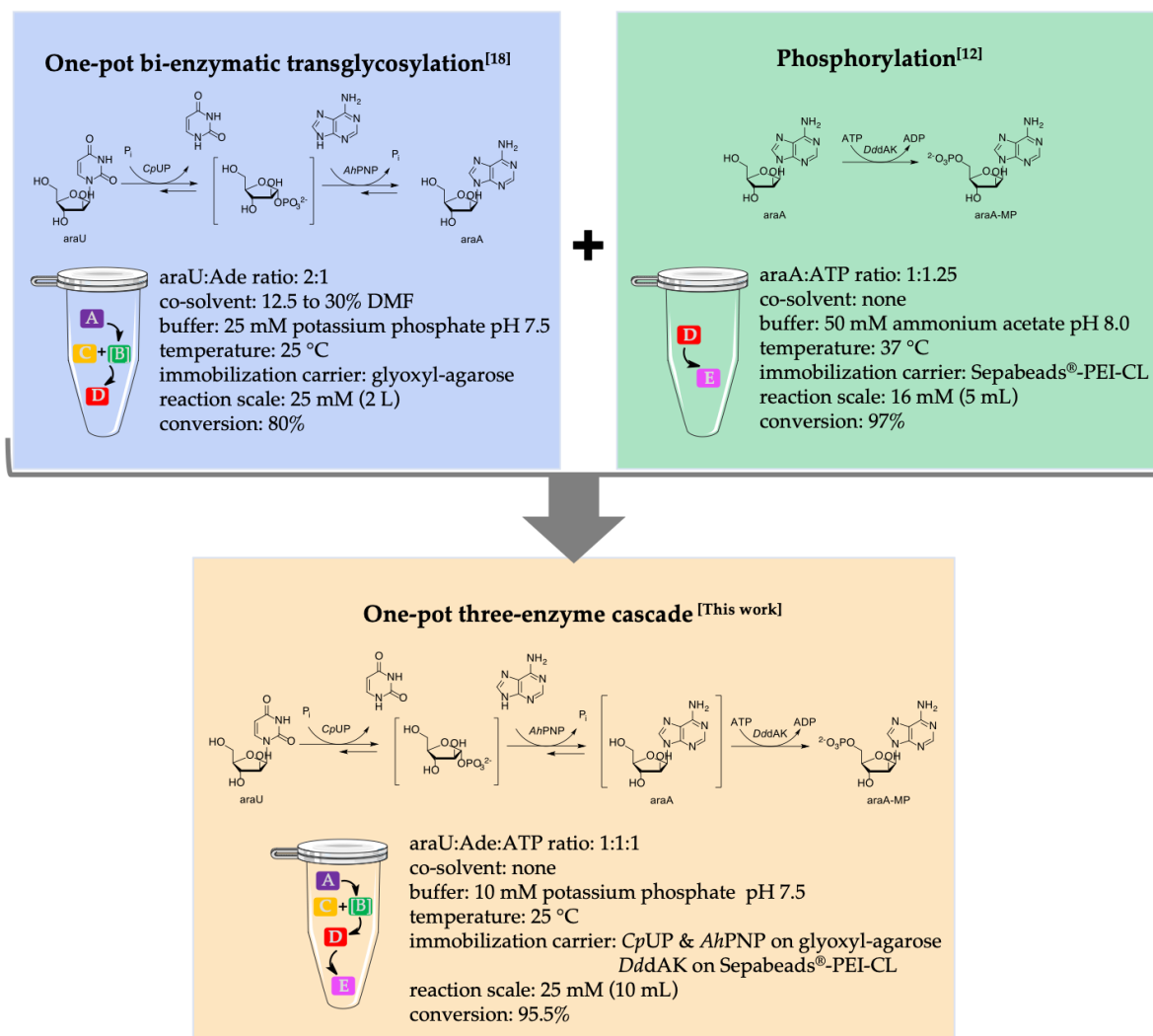


Figure S1. Comparison between the proposed three-enzyme cascade system and the previously reported transglycosylation [18] and phosphorylation [12] reactions.

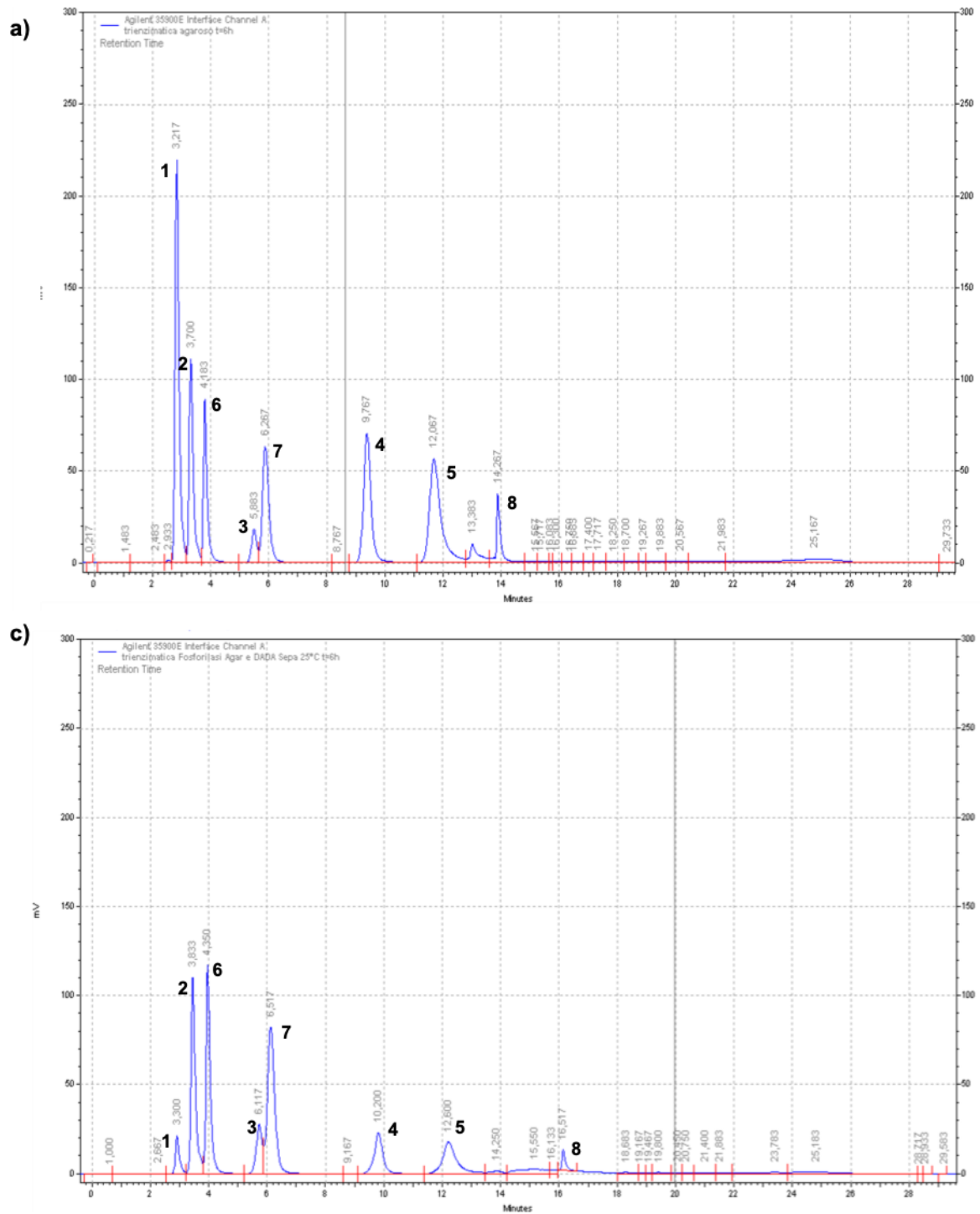


Figure S2. HPLC chromatograms of the multi-enzyme cascade reaction catalyzed by NPs and *DddAK* immobilized on glyoxyl-agarose (system a), and NPs on glyoxyl-agarose and *DddAK* on Sepabeads®-PEI-CL (system c) (endpoint: 6 h). ATP (1); ADP (2), AMP (3), ara-U (4), Ade (5), uracil (6), araA-MP (7), ara-A (8).