



Solvent Selection Guides: Summary Questions

1. Read the experimental section of the following paper on the synthesis of Rabeprazole:
[Asian J. Pharm. Res. 2011; Vol. 1: Issue 1, Pg 13-16](#)
 - a. The improved version provides superior yield, atom economies, reaction mass efficiencies and process mass intensities to the patented version. However there are still areas of improvement. Using the solvent selection guide, identify the solvents of major issues to be substituted.
 - b. Justifying your answers, from the same paper, explain what would be suitable replacements for the solvents of major concern

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