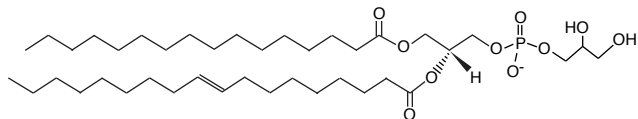
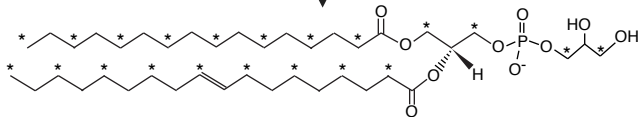


A

Unlabelled phosphatidylglycerol (C16:0/18:1)
m/z 747



¹³C-labelled phosphatidylglycerol (C16:0/18:1)
m/z 768

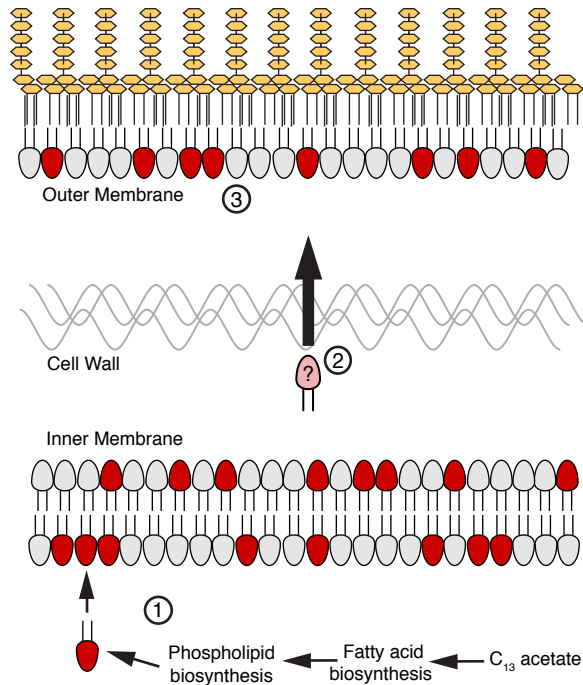
B

Figure 5 - figure supplement 1. A stable isotope assay of glycerophospholipid transport from the inner membrane to the outer membrane (A) Schematic showing an example of the shift in mass-to-charge ratio (m/z) of glycerophospholipids (GPL) following growth in 2-¹³C acetate. **(B)** A schematic illustrating the rationale of the stable isotope assay: (1) Newly synthesized ¹³C-labeled GPL, shown here in red, are first inserted into the inner membrane (IM) following synthesis; (2) the likelihood that a given GPL that is trafficked from the IM to the OM will be labeled is proportional to the ratio of labeled to unlabeled GPL in the IM; (3) a comparison of the ratios of labeled to unlabeled GPL in the inner and outer membranes will therefore reflect the efficiency of GPL transport.