

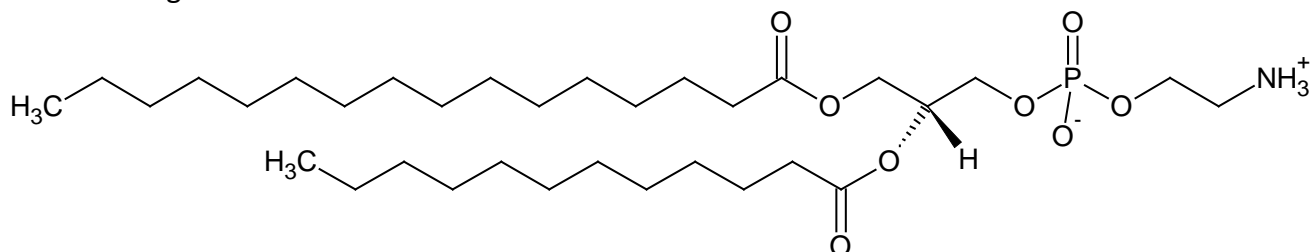
## Answer on Question #42872 - Chemistry - Organic Chemistry

### Question:

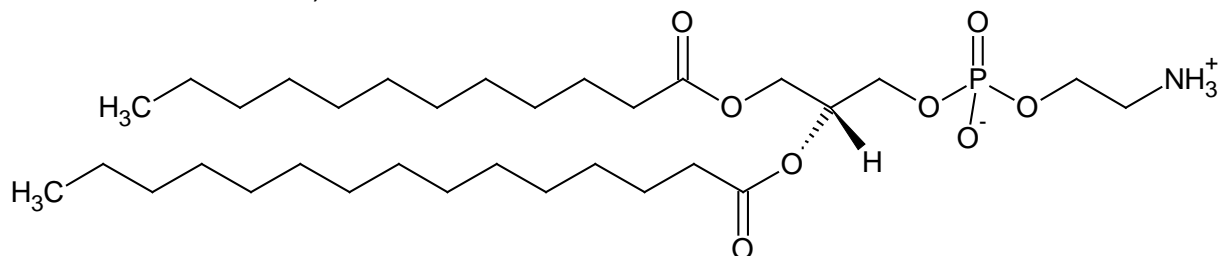
Draw a molecule of a phosphatidylethanolamine, which contains lauric acid and palmitic acid

### Answer:

The molecule of the phosphatidylethanolamine containing lauric and palmitic acid residues has the following structure



It has a one structural isomer, which looks as follows



In additions, each of the two structural isomers may exist as a pair of enantiomers due to the presence of one chiral carbon atom.