Drawings

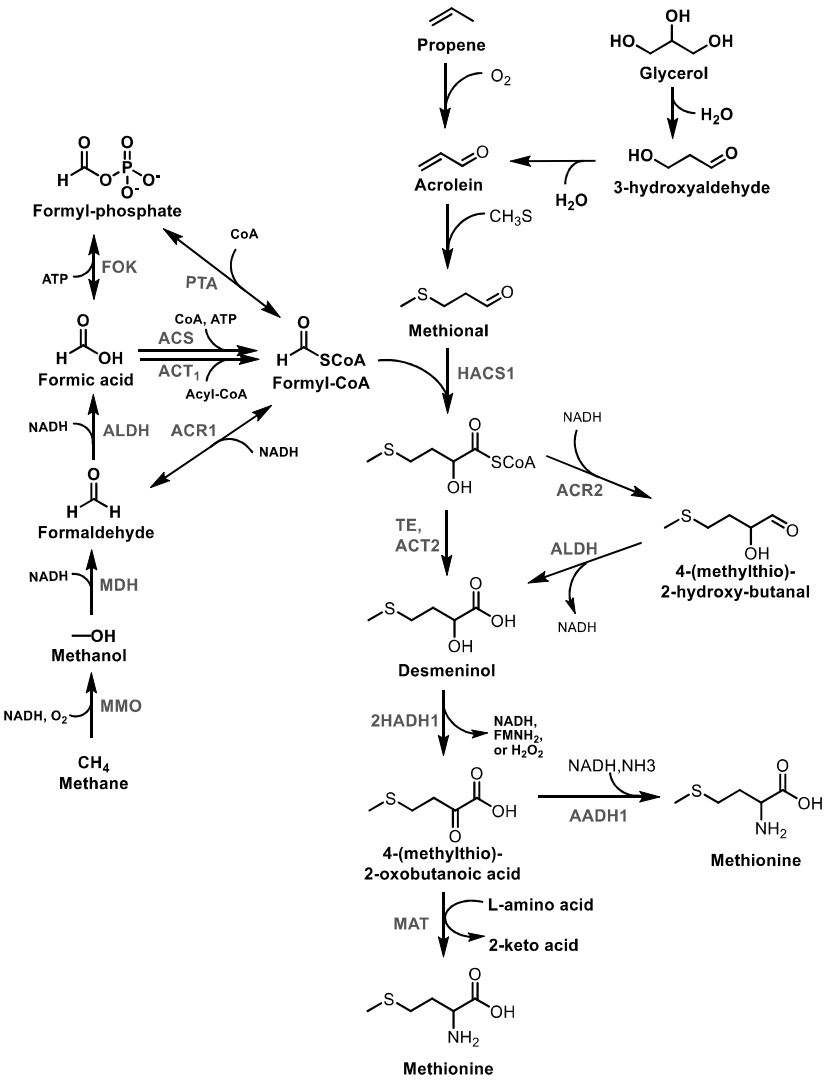


Figure 1. Production of methionine from condensation of methional and C1-derived formyl-CoA

MMO: methane monooxygenase; MDH: methanol dehydrogenase; FrmA: Glutathione-dependent formaldehyde dehydrogenase; FOK: formate kinase; PTA: phosphate formyltransferase; ACS: acyl-CoA synthase; ACT: acyl-CoA transferase; ACR: acyl-CoA reductase; HACS: 2-hydroxyacyl-CoA synthase; TE: thioesterase; ALDH: aldehyde dehydrogenase; 2HADH: 2-hydroxyacid dehydrogenase; AADH: amino acid dehydrogenase; MAT: methionine aminotransferase