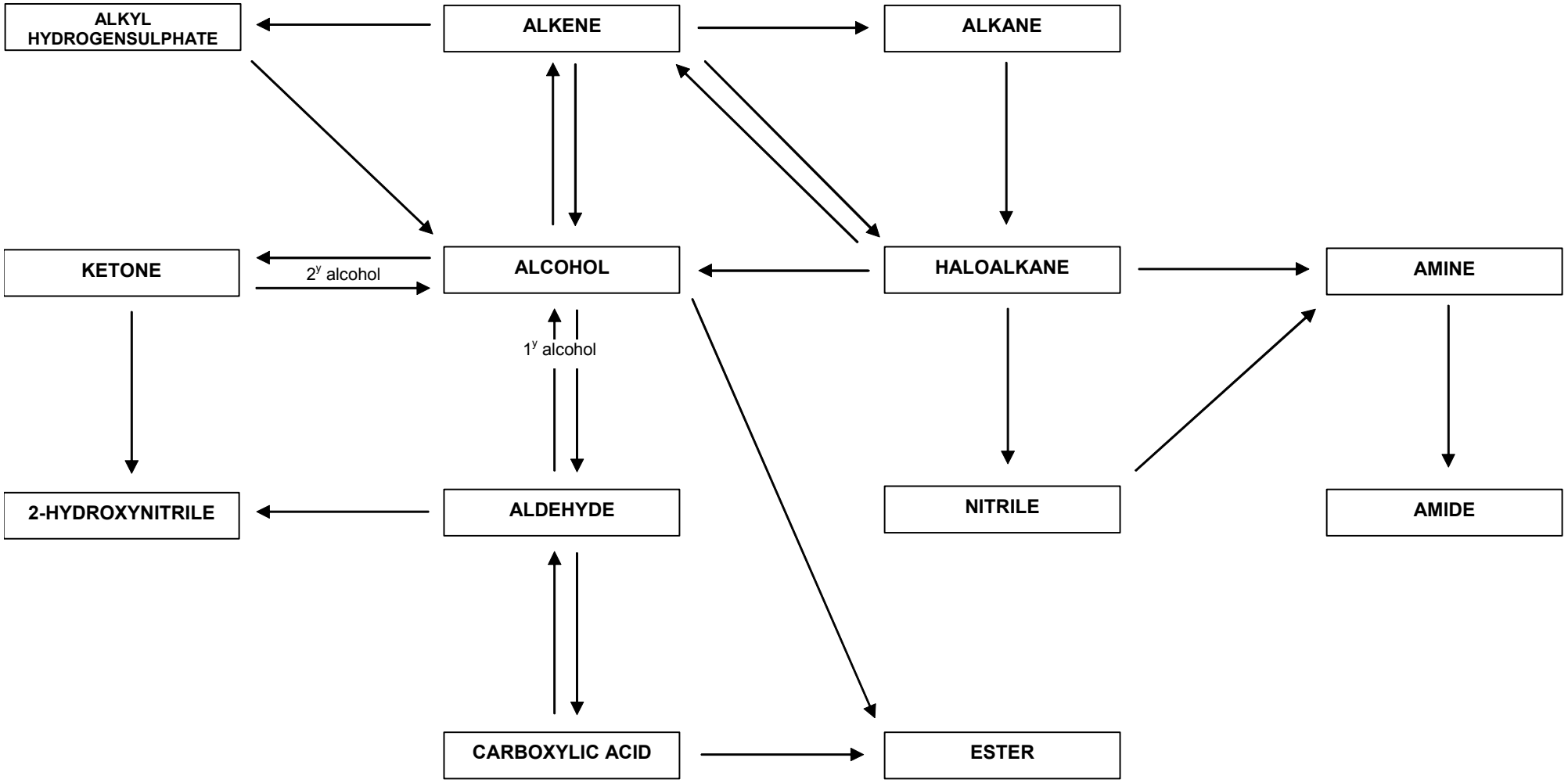ORGANIC SYNTHESIS 1