A bridged bicycloalkane is a bicycloalkane whose molecule has two carbon atoms shared by all three rings identifiable in the molecule. The two carbon atoms shared by the three rings are called bridgehead carbon atoms. A bond or a chain of bonds connecting the bridgehead carbon atoms is called a bridge.

eg. 1: Decalin

If in a bridged bicycloalkane, the bridgehead carbons are directly bonded to each other, the compound is called a fused bicycloalkane. In other words, in a fused bicycloalkane, the number of carbon atoms in one of the three bridges is zero.

eg: decalin

see also spirobicycloalkane
• Gamini Gunawardena from the OChemPal site (Utah Valley University)