

Chemical structures A and B are shown. Structure A is a 1,4-bis(4-substitutedphenyl)-1,4-diazepine. Structure B is a 1,4-bis(4-substitutedphenyl)-1,4-diazepine derivative where one phenyl ring is substituted with a Z group, and Z is defined as O or S.

5,7-diaryl-2,3-dihydro-1*H*-1,4-diazepines (B): Unlike the earlier class of diazepines, 2,3-dihydro diazepines are chemically well explored but have received less attention with respect to pharmacological activity.