```
<name>HEX</name>
 <ident>Protein</ident>
 <topology>
  <cg_beads>
    <cg_bead>
     <name>A1</name>
     <type>A</type>
     <mapping>A</mapping>
     <beads>1:CHL:C 2:CH2:C 1:CHL:H1 1:CHL:H2 1:CHL:H3 2:CH2:H1
         2:CH2:H2</beads>
    </cg_bead>
    <cq bead>
     <name>B</name>
     <tvpe>B</tvpe>
     <mapping>B</mapping>
     <beads>3:CH2:C 4:CH2:C 3:CH2:H1 3:CH2:H2 4:CH2:H1 4:CH2:H2
    </cg_bead>
    <cq_bead>
     <name>A2</name>
     <type>A</type>
     <mapping>A</mapping>
     <beads>6:CHR:C 5:CH2:C 6:CHR:H1 6:CHR:H2 6:CHR:H3 5:CH2:H1
         5:CH2:H2</beads>
    </cq_bead>
 </cg_beads>
 <cq_bonded>
  <bond>
    <name>bond</name>
     A1 B
     A2 B
    </beads>
  <angle>
    <name>angle</name>
    <beads>
     A1 B A2
    </beads>
  </angle>
 </cg_bonded>
 </topology>
 <maps>
    <name>A</name>
    <weights> 12 12 1 1 1 1 1
    <name>B</name>
    <weights> 12 12 1 1 1 1 </weights>
  </map>
 </maps>
</cq_molecule>
```