```
<cg_molecule>
  <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>
      <cg_bead>
        <name>B</name>
        <type>B</type>
        <mapping>B</mapping>
        <beads>3:CH2:C 4:CH2:C 3:CH2:H1 3:CH2:H2
             4:CH2:H1 4:CH2:H2</beads>
      </cg_bead>
      <cg_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>
      </cg_bead>
  </cg_beads>
  <cg_bonded>
    <bond>
      <name>bond</name>
      <beads>
        A1 B
        A2 B
      </beads>
    </bond>
    <angle>
      <name>angle</name>
      <beads>
        A1 B A2
      </beads>
    </angle>
  </cg_bonded>
  </topology>
  <maps>
    <map>
      <name>A</name>
      <weights> 12 12 1 1 1 1 1</weights>
    </map>
    <map>
      <name>B</name>
      <weights> 12 12 1 1 1 1 </weights>
    </map>
  </maps>
</cg_molecule>
```