21. Polyacrylonitrile fibres can be used to make blankets and carpets. The structural formula of a segment of this polymer is shown below.

$$\begin{pmatrix} H & H & H & H & H & H \\ - C - C - C - C - C - C - C - C \\ - & - & - & - & - & - \\ H & CN & H & CN & H & CN & H \end{pmatrix}_n$$

The structural formula of the monomer used to make polyacrylonitrile is:

