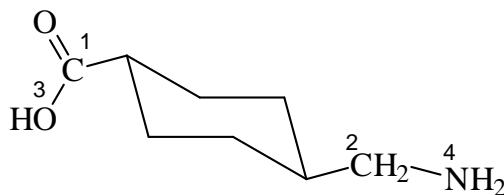


Marks
4

- Tranexamic acid, *trans*-(4-aminomethyl)cyclohexanecarboxylic acid, is used for the treatment of severe haemorrhage in patients with haemophilia.



Provide the requested information for each of the indicated atoms in tranexamic acid.

Atom	Geometric arrangement of the electron pairs around the atom	Hybridisation of the atom	Geometry/shape of σ -bonding electron pairs around the atom
C-1	trigonal planar	sp^2	trigonal planar
C-2	tetrahedral	sp^3	tetrahedral
O-3	tetrahedral	sp^3	bent
N-4	tetrahedral	sp^3	trigonal pyramidal