

Geometrical Isomers: —

Geometrical isomers are named either by using the prefixes "Cis" for adjacent position and "trans" for opposite position

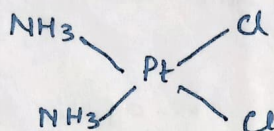


Cis form: — (1,4) and (2,3)

Trans form: — (1,3) and (2,4)

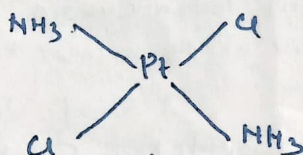
Example: —

(i)



Cis-dichloro diamine Platinum II
or
1,2-dichloro diamine Platinum II

(ii)



Trans-dichloro diamine Platinum II
1,3-dichloro diamine Platinum II

Important Application of inner metallic compound:

Organic substances like Dimethyl Glyoxime are Capable of forming inner complexes with a number of metallic ions.

