

### **projection formula**

A formal two-dimensional representation of a three-dimensional molecular structure obtained by projection of bonds (symbolized as lines) onto a plane with or without the designation of the positions of relevant atoms by their chemical symbols.

A projection formula which indicates the spatial arrangement of bonds is called a *stereochemical formula* or stereoformula. Examples of stereoformulae are *Fischer projection*, *Newman projection*, *sawhorse projection*, *wedge projection* and *zig-zag projection*.

See also *perspective formula*.

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