

Inorganic / Organic Molecule Set D

Order code: **5401.1005279**



Cena bez DPH

77,20 Eur

Price with VAT

93,41 Eur

Parameters

Quantitative unit

ks

Molecule building set for assembling three-dimensional models of organic and inorganic molecules and for clarification of their spatial configurations. Many chemical compounds can be represented clearly. These include simple molecules such as hydrogen, oxygen and water, organic compounds such as ethane, ethyne, benzene, alanine, glucose and cyclohexane and also more complex structures such as the tetrammino zinc ion or tetraphosphorous decoxide.

Atoms:					
14	C	black	4 wholes	tetrahedral	109°
6	C	dark blue	5 wholes	tribipyramidal	90°, 120°
12	H	white	1 whole	one sided	-
2	H	white	1 whole	linear	180°
16	O	red	2 wholes	angular	105°
6	O	red	4 wholes	tetrahedral	109°
6	N	blue	4 wholes	tetrahedral	109°

4	N	blue	3 wholes	pyramidal	107°
4	S	yellow	4 wholes	tetrahedral	109°
1	S	yellow	6 wholes	octahedral	90°
8	S	yellow	2 wholes	angular	105°
8	Cl,(F)	green	1 whole	one sided	-
4	P	purple	4 wholes	trtetrahedral	109°
1	P	purple	5 wholes	tribipyramidal	90°, 120°
2	P	purple	3 wholes	pyramidal	107°
4	Na	grey	1 whole	one sided	-
3	Ca, Mg	grey	2 wholes	angular	105°
2	Al	grey	3 wholes	trigonal	120°
4	Si, Cu	grey	4 wholes	tetrahedral	109°
1	kovový atom	grey	6 wholes	octahedral	90°

Electron clouds:

6	lone pair	light beige
6	unhybridised p-lobe	purple
6	unhybridised p-lobe	pink

Links:

38	medium	light grey
12	medium	purple
36	long, flexible	grey