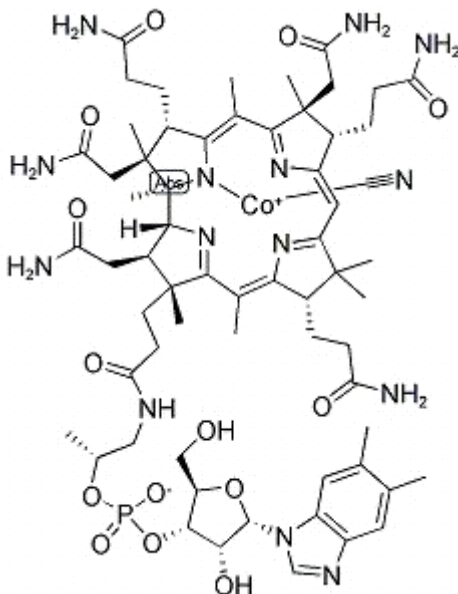


Vitamin B12 Specifications & Properties

Vitamin B12 Basic information

Product Name:	Vitamin B12
Synonyms:	COBALAMINE;CN-CBL;ALPHA-(5,6-DIMETHYLBENZIMIDAZOLYL)CYANOCOBAMIDE;A-(5,6-DIMETHYLBENZIMIDAZOLYL)COBAMIDE CYANIDE;Vitamin B ₁₂ ;α-(5,6-Dimethylbenzimidazolyl)cyanocobamide;Vb12;VITAMIN B12 PLANT CELL CULTURE TESTED
CAS:	68-19-9
MF:	C63H88CoN14O14P
MW:	1355.37
EINECS:	200-680-0



Vitamin B12 Chemical Properties

Melting point	>300°C
alpha	23656 -59 ± 9° (dil aq soln)
Fp	9°C
storage temp.	2-8°C
solubility	Sparingly soluble in water and in ethanol (96 per cent), practically insoluble in acetone. The anhydrous substance is very hygroscopic.
pKa	pKa 3.28±0.04(H ₂ O,D ₂ O t=23±0.5 lunspeci?ed) (Uncertain)
color	Red to dark red

Water Solubility	Soluble
Sensitive	Hygroscopic

Please contact MainChem Co, Ltd. for any questions regarding Vitamin B12.

We would be happy to provide a quote, a sample, or further information regarding its.

Please Contact us by sale@mainchem.com.