

## Substances involved in the synthesis of vanadyl acetylacetonate

Usual name	IUPAC name
Acetone	2-Propanone
Acetylacetone	2,4-Pentanedione
Ammonia (aqueous solution)	Ammonia (aqueous solution)
Ammonium metavanadate	Ammonium trioxovanadate(V)
Ammonium sulphate (aqueous solution)	Ammonium sulphate (aqueous solution)
Carbon dioxide	Carbon dioxide
Chloroform	Trichloromethane
Dichloromethane	Dichloromethane
Ethanal	Ethanal
Ethanol	Ethanol
Ethyl ether	Ethoxyethane
Nitrogen	Nitrogen
Pentan-2,3,4-trione	Pentan-2,3,4-trione
Petroleum ether	Petroleum ether
Potassium carbonate	Potassium carbonate
Potassium carbonate (aqueous solution)	Potassium carbonate (aqueous solution)
Potassium sulphate (aqueous solution)	Potassium sulphate (aqueous solution)
Sodium carbonate	Sodium carbonate
Sodium carbonate (aqueous solution)	Sodium carbonate (aqueous solution)
Sodium carbonate (10% solution)	Sodium carbonate (10% solution)
Sodium sulphate (aqueous solution)	Sodium sulphate (aqueous solution)
Sulphuric acid	Sulphuric acid
Sulphuric acid (dilute solution)	Sulphuric acid (dilute solution)
Vanadium pentoxide	Vanadium(V) oxide
Vanadyl acetylacetonate	Vanadyl bis(acetylacetonate)
Vanadyl sulphate hydrate	Vanadyl sulphate
Urea	Diaminomethanal
Water	Water