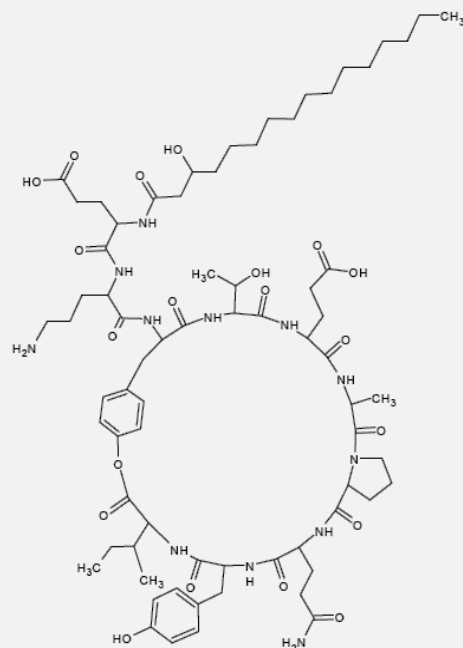


# FENGYCIN

CHEMICAL NAME	Fengycin, from <i>Bacillus subtilis</i>
IUPAC NAME	Fengycin
CAS NUMBER	102577-03-7
MOLECULAR FORMULA	C <sub>72</sub> H <sub>110</sub> N <sub>12</sub> O <sub>20</sub>
STRUCTURAL FORMULA	Fengycin A / Plipastatin A C16
MOLECULAR MASS	1462.8 g/mol
CHEMICAL PURITY	≥80% (HPLC-MS)



APPEARANCE (FORM)	Powder
APPEARANCE (COLOR)	Faint yellow to faint brown
SOLUBILITY (SOLVENT)	Organic solvents (MeOH, EtOH, DMSO 0.1, ...)
SOLUBILITY (AT 1G/L)	MeOH 100% DMSO 0.1% 92%
SOLUBILITY (TURBITY)	NA
SOLUBILITY (COLOR)	Colourless
MELTING POINT	987.09°C (flash point)
BOILING POINT	1693.66°C at 760 mm Hg

## Storage conditions

**Solid storage:** At room temperature. Keep away from light, in a container tightly closed in a dry and well-ventilated place.

**Liquid storage:** Store in +2 - +8°C. Keep container tightly closed in a dry and well-ventilated place.