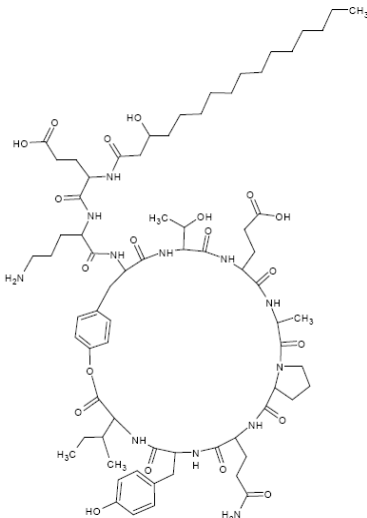


Specification Sheet - **FENGYCIN**

Chemical name:	Fengycin, from <i>Bacillus subtilis</i>
IUPAC name:	Fengycin

CAS number:	102577-03-7	
Molecular formula:	$C_{72}H_{110}N_{12}O_{20}$	
Structural formula:	Fengycin A / Plipastatin A C16	
Molecular mass:	1462.8 g/mol	
Chemical purity:	≥90% (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 (turbidity):	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.