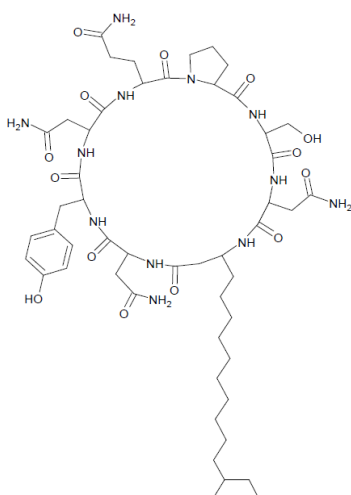


Specification Sheet - MYCOSUBTILIN

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

CAS number:	59112-50-4	
Molecular formula:	C ₅₁ H ₈₀ N ₁₂ O ₁₄	
Structural formula:	Mycosubtilin (mycosubtilin <i>anteiso</i> C17)	
Molecular mass:	1084.59 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%: 83%
Solubility (turbidity):	Low turbidity at 1 g.L ⁻¹
Solubility (color)	Colourless
Melting point:	NA
Boiling point:	NA

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.