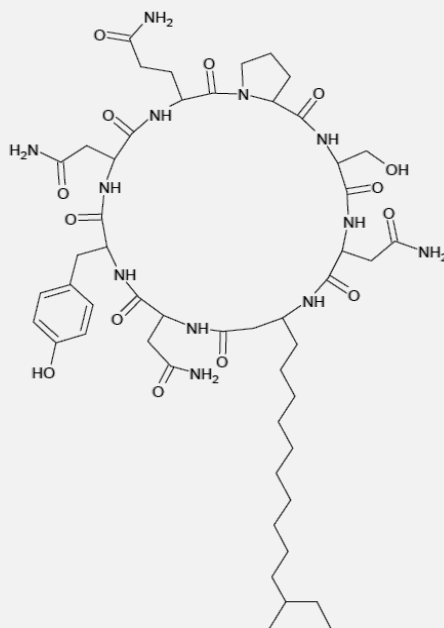


MYCOSUBTILIN

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 anteiso 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.