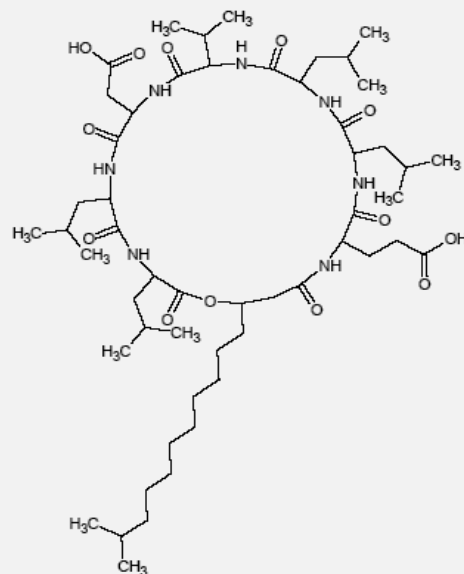


SURFACTIN

CHEMICAL NAME	Surfactin, from <i>Bacillus subtilis</i>
IUPAC NAME	Surfactin
CAS NUMBER	24730-31-2
MOLECULAR FORMULA	$C_{53}H_{93}N_7O_{13}$ (formula of surfactin iso C15)
STRUCTURAL FORMULA	Surfactin (structure of surfactin iso C15)
MOLECULAR MASS	1035.68 g/mol
CHEMICAL PURITY	≥80% (HPLC-MS)



APPEARANCE (FORM)	Powder						
APPEARANCE (COLOR)	White to faint yellow						
SOLUBILITY (SOLVENT)	Organic solvents (MeOH, EtOH, DMSO 0.1, ...)						
SOLUBILITY (AT 1G/L)	<table border="0"> <tr> <td>MeOH</td> <td>100%</td> </tr> <tr> <td>DMSO 0.1%</td> <td>93%</td> </tr> <tr> <td>EtOH</td> <td>100%</td> </tr> </table>	MeOH	100%	DMSO 0.1%	93%	EtOH	100%
MeOH	100%						
DMSO 0.1%	93%						
EtOH	100%						
SOLUBILITY (TURBITY)	NA						
SOLUBILITY (COLOR)	Colourless						
MELTING POINT	720.8°C (flash point)						
BOILING POINT	1268.3°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.