

## Leucomycin Complex Set

Code No.: **BIA-MS5005**

### Specifications

Each set contains 1 x 1mg vial of each of the following products:

Vial #	Compound	Code No.	CAS #	Mol. Formula	Mol. Wt.
1	Leucomycin complex	BIA-L1551	1392-21-8	-	-
2	Leucomycin A1	BIA-L1538	16846-34-7	C <sub>40</sub> H <sub>67</sub> NO <sub>14</sub>	786.0
3	Leucomycin A4	BIA-L1364	18361-46-1	C <sub>41</sub> H <sub>67</sub> NO <sub>15</sub>	814.0
4	Leucomycin A5	BIA-L1357	18361-45-0	C <sub>39</sub> H <sub>65</sub> NO <sub>14</sub>	771.9
5	Leucomycin A13	BIA-L1365	78897-52-6	C <sub>41</sub> H <sub>69</sub> NO <sub>14</sub>	800.0

- Long Term Storage : **-20°C, protect from light**
- Stability : **Stable for more than 1 year when stored at -20°C, protected from light**
- Short Term Storage : **Stable at ambient temperature for 1-2 weeks, protected from light**
- Shipping : **Ambient temperature**
- Purity : **Minimum purity of >95% by HPLC**
- Solubility : **Methanol, ethanol, DMSO, moderate water solubility**

**Product Description:** Leucomycin, discovered in 1953, is an antibiotic complex of over fifteen closely related macrocyclic lactone analogues produced by *Streptomyces kitasatoensis*. The complex comprises four major components, A1, A4, A5 and A13, together with a number of poorly characterised minor analogues. The Leucomycin Complex Set contains the complex and its purified major components as standards for research.

Updated: 8 September 2014