PRODUCT DATA SHEET

Illudin S

Code No.: BIA-I1398
Pack sizes: 1 mg, 5 mg

Specifications

- **CAS #**: 1149-99-1
- **Molecular Formula**: C_{15}H_{20}O_{4}
- **Molecular Weight**: 264.3
- **Source**: *Pleurotus lampas*
- **Appearance**: Light yellow solid
- **Purity**: >98% by HPLC
- **Long Term Storage**: -20°C
- **Solubility**: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Illudin S is potent antitumor sesquiterpene, first isolated from the fungus, *Clitocybe illudens*, in 1963. Illudin S is metabolically activated to reactive intermediates that bind DNA. The DNA damage appears to differ from that of other reactive metabolites. Importantly, illudin S exhibits in vitro and in vivo potency against multi-drug resistant tumours.

References