Illudin S

PRODUCT DATA SHEET
issue date 02/27/2019

Product Name: Illudin S
Product Number: I019
CAS Number: 1149-99-1
Molecular Formula: C_{15}H_{20}O_{4}
Molecular Weight: 264.3
Appearance: Light yellow solid
Storage Conditions: -20°C

Description:
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 tumors.

Illudin S is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

References:


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