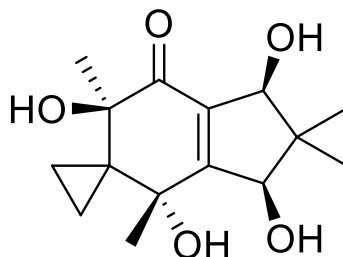


Illudin B

Code No.: **BIA-I2938**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms :

Specifications

CAS #	: 134857-03-7
Molecular Formula	: C ₁₅ H ₂₂ O ₅
Molecular Weight	: 282.3
Source	: <i>Clitocybe illudens</i>
Appearance	: Yellow residue
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Illudin B is a novel sesquiterpene isolated from *Clitocybe illudens* (*Omphalotus olearius*) by Italian researchers in 1991. The biological activity of illudin B has not been published, however its analogues, illudin S and illudin M are potent antitumor actives, binding to DNA.

References

1. Secondary mould metabolites. Part 31. Isolation and structure elucidation of illudins A and B, and illudalenol, new sesquiterpenoids from *Clitocybe illudens*. Arnone A. et al. J Chem Soc Perkin Trans 1., 1991, 733.
2. The structure of the basidiomycete metabolites, illudin S and illudin M. McMorris T.C. & Anchel M. J Am Chem Soc 1963, 85, 831.
3. Structure-activity relationships of illudins: analogs with improved therapeutic index. McMorris T.C. et al. J. Org. Chem. 1992, 57, 6876.