Cyclopeptine

Synonyms: Benzyl-3,4-dihydro-4-methyl-1H-1,4-benzodiazepine-2,5-dione

Specifications

- CAS #: 50886-63-0
- Molecular Formula: C_{17}H_{16}N_{2}O_{2}
- Molecular Weight: 280.3
- Source: *Penicillium* sp.
- Appearance: Colourless solid
- Purity: >99% by HPLC
- Long Term Storage: -20°C
- Solubility: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Cyclopeptine is a benzodiazepine metabolite produced by a number of species of *Penicillium*. While there is little literature about the metabolite, there is considerable interest in the enzymes responsible for the biosynthesis of the benzodiazepine nucleus, cyclopeptine synthetase.

References