Palitantin

Synonyms:
-

Specifications

- CAS #: 15265-28-8
- Molecular Formula: C14H22O4
- Molecular Weight: 254.32
- Source: -
- Appearance: White to off-white solid
- Purity: >95% by HPLC
- Long Term Storage: -20°C
- Solubility: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Palitantin is a polar neutral metabolite isolated from Penicillium palitans by Birkinshaw and Raistrick from the London School of Hygiene and Tropical Medicine in 1936. Palitantin is a cyclitol-like metabolite bearing a heptadiene chain, the conjugated diene giving palitantin its highly characteristic UV spectrum. Palitantin has been found in a number of Penicillium species and is a useful metabolite for chemotaxonomy of the genus. Palitantin is a potent antifungal active with minimal toxicity to mammalian cells.

References