PRODUCT DATA SHEET

Code No.: BIA-P1701
Pack sizes: 0.5 mg, 2.5 mg

Palitantin

Synonyms :

Specifications
CAS # : 15265-28-8
Molecular Formula : C_{14}H_{22}O_{4}
Molecular Weight : 254.3
Source : Penicillium sp.
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