Cochlioquinone A

Synonyms: Luteoleersin

Specifications

- **CAS #**: 32450-25-2
- **Molecular Formula**: C_{30}H_{44}O_{8}
- **Molecular Weight**: 532.7
- **Source**: Bipolaris leersia
- **Appearance**: Yellow Lyophilisate
- **Purity**: >99% by HPLC
- **Long Term Storage**: -20°C
- **Solubility**: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Cochlioquinone A is the major component of a bioactive pigment isolated from Bipolaris leersia. Cochlioquinone A has recently been shown to be an antagonist of the human chemokine receptor, CCR5, in HIV-1. Cochlioquinone A is anti-angiogenic and exhibits inhibitory activity against diacylglycerol acyltransferase and NADH-ubiquinone reductase.

References