PRODUCT DATA SHEET

(-)-Rugulosin

Code No.: BIA-R1452
Pack sizes: 1 mg, 5 mg

Synonyms: Radicalisin

Specifications
CAS #: 21884-45-7
Molecular Formula: C_{30}H_{22}O_{10}
Molecular Weight: 542.5
Source: Penicillium sp.
Appearance: Yellow brown solid
Purity: >98% by HPLC
Long Term Storage: -20°C
Solubility: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes
(-)-Rugulosin is the less common optical isomer of the mycotoxin, (+)-rugulosin, which was first isolated from Myrothecium verrucaria in 1968. The isomers appear not to be co-produced but both occur widely in several fungal genera. (-)-Rugulosin has been shown to be antiviral. (-)-Rugulosin is the less studied of the isomers and its role as a mycotoxin is implied rather than established. There are few comparative studies of the relative potency of the isomers.

References