**Product Name:** Rugulosin + form  
**Product Number:** R037  
**CAS Number:** 23537-16-8  
**Molecular Formula:** C$_{30}$H$_{22}$O$_{10}$  
**Molecular Weight:** 542.5  
**Appearance:** Yellow brown solid  
**Storage Conditions:** -20°C  

**Description:** (+)-Rugulosin is an intense yellow pigment produced by some species of Penicillium, Aspergillus and the fungal symbionts of some lichens. (+)-Rugulosin shows antibacterial and insecticidal activity and has found application as a bioinsecticide, notably as the active secondary metabolite in endophytic fungi of seedlings.  

(+)-Rugulosin is soluble in ethanol, methanol, DMF and DMSO.  

**References:**  


Cytotoxicity against insect cells of entomopathogenic fungi of the genera Hypocrella (anamorph Aschersonia); possible agents for biological control. Watts P. et al., Mycological Research 2003, 107, 581.

If you need any help, contact us: info@toku-e.com. Find more information on: www.toku-e.com/