Isokotanin B
Item No. 25082

CAS Registry No.: 154160-09-5
Formal Name: (+)-7-hydroxy-4,4',7'-trimethoxy-5,5'-dimethyl-[6,6'-bi-2H-1-benzopyran]-2,2'-dione
MF: C_{23}H_{20}O_{8}
FW: 424.4
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Isokotanin B is supplied as a solid. A stock solution may be made by dissolving the isokotanin B in the solvent of choice. Isokotanin B is soluble in organic solvents such as ethanol, methanol, DMSO, and dimethyl formamide, which should be purged with an inert gas.

Description

Isokotanin B is a bicoumarin fungal metabolite originally isolated from A. alliaceus. Dietary administration of isokotanin B (100 ppm) reduces C. hemipterus larvae feeding by 21%.

Reference