Product Name: Kuwanon A
Catalog Number: TQ0301
CAS Number: 62949-77-3
Molecular Formula: C25H24O6
Molecular Weight: 420.45

Description: Kuwanon A inhibits nitric oxide production (IC50: 10.5 μM). It is a flavone derivative isolated from Morus alba L.

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

<table>
<thead>
<tr>
<th>Solubility</th>
<th>DMSO</th>
<th>Soluble</th>
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<td>(&lt; 1 mg/ml refers to the product slightly soluble or insoluble)</td>
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In vitro Activity
Kuwanon A shows significant inhibitory activity towards the differentiation of 3T3-L1 adipocytes with TG inhibition values of 47.1%. Kuwanon A also shows significant nitric oxide (NO) production inhibitory effects in RAW264.7 cells (IC50: 10.5 μM).

Cell Assay
RAW264.7 cells are treated with Kuwanon A (3, 10, 20, 30, 100 μM). Cell viability is measured using the MTT assay.

Reference

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