
Product Data Sheet

Product Name: Kuwanon G

Cat. No.: GC36404

Chemical Properties

Cas. No. 75629-19-5

SMILES O=C1C(C/C=C(C)\C)=C(C2=CC=C(O)C=C2O)OC3=C([C@H]4C=C(C)C[C@@H](C5=CC=C(O)C=C5O)[C@@H]4C(C6=CC=C(O)C=C6O)=O)C(O)=CC(O)=C13

Formula C₄₀H₃₆O₁₁

M.Wt 692.71

Solubility DMSO : 50 mg/mL (72.18 mM; Need ultrasonic)

Storage 4°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Kuwanon G is a flavonoid isolated from Morus alba, acts as a bombesin receptor antagonist, with potential antimicrobial activity[1][2].

[1]. Mihara S, et al. Non-peptide bombesin receptor antagonists, kuwanon G and H, isolated from mulberry. Biochem Biophys Res Commun. 1995 Aug 15;213(2):594-9. [2]. Mihara S, et al. Non-peptide bombesin receptor antagonists, kuwanon G and H, isolated from mulberry. Biochem Biophys Res Commun. 1995 Aug 15;213(2):594-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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