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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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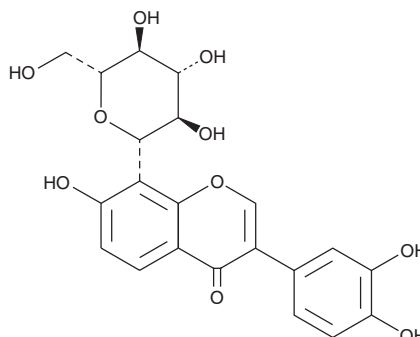
PRODUCT INFORMATION



3'-hydroxy Puerarin

Item No. 36771

CAS Registry No.: 117060-54-5
Formal Name: 3-(3,4-dihydroxyphenyl)-8-β-D-glucopyranosyl-7-hydroxy-4H-1-benzopyran-4-one
Synonym: NPI 031H
MF: C₂₁H₂₀O₁₀
FW: 432.4
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years
Item Origin: Plant/*Pueraria lobata*



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

Laboratory Procedures

3'-hydroxy Puerarin is supplied as a solid. A stock solution may be made by dissolving the 3'-hydroxy puerarin in the solvent of choice, which should be purged with an inert gas. 3'-hydroxy Puerarin is soluble in the organic solvent DMSO.

Description

3'-hydroxy Puerarin is an isoflavonoid that has been found in *P. lobata* and has antioxidant activity.¹ It scavenges peroxy nitrite, nitric oxide radicals, and total reactive oxygen species (ROS) with IC₅₀ values of 1.36, 1.13, and 6.51 μM, respectively.

Reference

1. Jin, S.E., Son, Y.K., Min, B.-S., *et al.* Anti-inflammatory and antioxidant activities of constituents isolated from *Pueraria lobata* roots. *Arch. Pharm. Res.* **35**(5), 823-837 (2012).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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