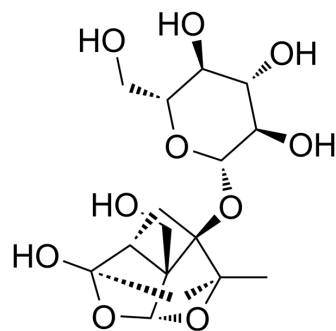


8-Debenzoylpaeoniflorin

Cat. No.:	HY-131488
CAS No.:	23532-11-8
Molecular Formula:	C ₁₆ H ₂₄ O ₁₀
Molecular Weight:	376.36
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	8-Debenzoylpaeoniflorin, a monoterpene glycoside, is a natural product that could be isolated from the dried root of <i>Paeonia lactiflora</i> Pall. 8-Debenzoylpaeoniflorin has antihyperglycemic activity ^[1] .								
In Vivo	<p>8-Debenzoylpaeoniflorin (1-10 mg/kg; i.v.; single dose) has antihyperglycemic activity and decreases plasma glucose levels in STZ-diabetic rats^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>Male Wistar STZ-diabetic rats (210-250g)^[1]</td> </tr> <tr> <td>Dosage:</td> <td>1, 5, and 10 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>Intravenous injection, single dose</td> </tr> <tr> <td>Result:</td> <td>Decreased plasma glucose levels in a time- and dose-dependent manner in STZ-diabetic rats.</td> </tr> </table>	Animal Model:	Male Wistar STZ-diabetic rats (210-250g) ^[1]	Dosage:	1, 5, and 10 mg/kg	Administration:	Intravenous injection, single dose	Result:	Decreased plasma glucose levels in a time- and dose-dependent manner in STZ-diabetic rats.
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REFERENCES

[1]. Hsu FL, et, al. Antihyperglycemic effects of paeoniflorin and 8-debenzoylpaeoniflorin, glucosides from the root of *Paeonia lactiflora*. *Planta Med.* 1997 Aug;63(4):323-5.

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

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