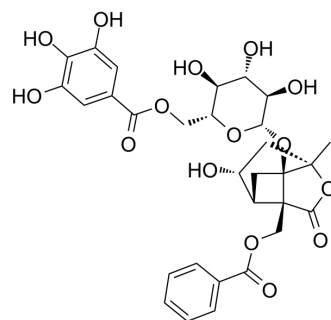


## Galloylbiflorin

Cat. No.:	HY-N9917
CAS No.:	929042-36-4
Molecular Formula:	C <sub>30</sub> H <sub>32</sub> O <sub>15</sub>
Molecular Weight:	632.57
Target:	Androgen Receptor
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Galloylbiflorin (6'-O-Galloylbiflorin) is an androgen receptor (AR) antagonist (IC <sub>50</sub> =53.3 μM) and can be found in the roots of <i>Paeonia lactiflora</i> . Galloylbiflorin shows anti-androgens activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 53.3 μM (androgen receptor) <sup>[1]</sup>
In Vitro	Galloylbiflorin inhibits the growth of androgen-dependent LNCaP-FGC cells (IC <sub>50</sub> =91.8 μM) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Kazuto Washida, et al. Androgen modulators from the roots of *Paeonia lactiflora* (*paeoniae radix*) grown and processed in nara prefecture, Japan. *Chem Pharm Bull* (Tokyo). 2009 Sep;57(9):971-4.

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

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