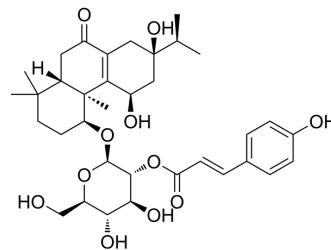


## Inflexuside B

Cat. No.:	HY-N11544
CAS No.:	1395048-86-8
Molecular Formula:	C <sub>35</sub> H <sub>48</sub> O <sub>11</sub>
Molecular Weight:	644.75
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Inflexuside B, an abietane diterpenoid, can be isolated from the aerial parts of <i>Isodon inflexus</i> . Inflexuside B strongly inhibits lipopolysaccharide (LPS)-activated NO Synthase in RAW264.7 macrophages <sup>[1]</sup> .
<b>In Vitro</b>	Inflexuside B (compound 4) (10-60 μM; 24 hr) inhibits NO production in RAW264.7 macrophages treated with 1 μg/mL LPS <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Xie WD, et al. Abietane diterpenoids from *Isodon inflexus*. *Phytochemistry*. 2012 Sep;81:153-8.

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

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