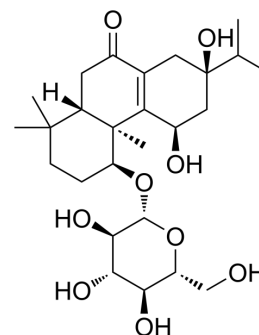


Inflexuside A

Cat. No.:	HY-N11548
CAS No.:	1395048-85-7
Molecular Formula:	C ₂₆ H ₄₂ O ₉
Molecular Weight:	498.61
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Inflexuside A, an abietane diterpenoid, can be isolated from the aerial parts of <i>Isodon inflexus</i> . Inflexuside B strongly inhibits lipopolysaccharide (LPS)-activated NO production (NO Synthase) in RAW264.7 macrophages ^[1] .
In Vitro	Inflexuside A (compound 3) (10-60 μM; 24 hr) inhibits NO production in RAW264.7 macrophages treated with 1 μg/mL LPS ^[1] . 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA