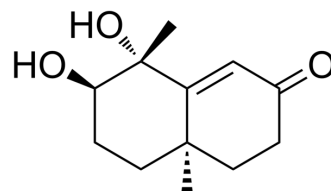


## Oxyphyllenone A

Cat. No.:	HY-N9297
CAS No.:	363610-34-8
Molecular Formula:	C <sub>12</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight:	210.27
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Oxyphyllenone A is an inhibitor of NO Synthase. Oxyphyllenone A inhibits the NO production in lipopolysaccharide-activated macrophages with an IC<sub>50</sub> of 28 μM<sup>[1]</sup>.

### REFERENCES

[1]. Muraoka O, et al. Absolute stereostructures of novel norcadinane- and trinoreudesmane-type sesquiterpenes with nitric oxide production inhibitory activity from *Alpinia oxyphylla*. *Bioorg Med Chem Lett*. 2001 Aug 20;11(16):2217-20.

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

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