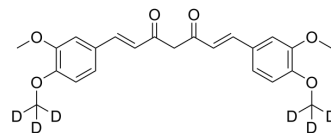


## Dimethoxycurcumin-d<sub>6</sub>

Cat. No.:	HY-100977S
CAS No.:	3006902-95-7
Molecular Formula:	C <sub>23</sub> H <sub>18</sub> D <sub>6</sub> O <sub>6</sub>
Molecular Weight:	402.47
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Dimethoxycurcumin-d<sub>6</sub> is the deuterium labeled Dimethoxycurcumin (HY-100977). Dimethoxycurcumin is a derivative of Curcumin that has anti-inflammatory and antioxidant activities<sup>[1][2]</sup>.

### REFERENCES

[1]. Patwardhan RS, et al. Dimethoxycurcumin, a metabolically stable analogue of curcumin, exhibits anti-inflammatory activities in murine and human lymphocytes. *Biochem Pharmacol*

[2]. Pae HO, et al. Dimethoxycurcumin, a synthetic curcumin analogue with higher metabolic stability, inhibits NO production, inducible NO synthase expression and NF-kappaB activation in RAW264.7 macrophages activated with LPS. *Mol Nutr Food Res*. 2008 Sep;52(9):1082-91.

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

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