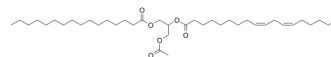


## Mosedipimod

Cat. No.:	HY-109094
CAS No.:	221139-79-3
Molecular Formula:	C <sub>39</sub> H <sub>70</sub> O <sub>6</sub>
Molecular Weight:	634.97
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Mosedipimod is a monoacyldiglyceride that can be isolated from *Cervus nippon* Temminck. Mosedipimod is an orally active Toll-Like Receptor signaling inhibitor. Mosedipimod attenuates airway inflammation by reducing myeloperoxidase expression in lung tissue. Mosedipimod is used in chronic obstructive pulmonary disease research<sup>[1]</sup>.

### REFERENCES

[1]. Shin IS, et al. Protective effect of EC-18, a synthetic monoacyldiglyceride on lung inflammation in a murine model induced by cigarette smoke and lipopolysaccharide. *Int Immunopharmacol*. 2016 Jan;30:62-68.

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

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