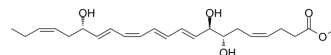


## Resolvin D1 methyl ester

Cat. No.:	HY-128031
CAS No.:	937738-63-1
Molecular Formula:	C <sub>23</sub> H <sub>34</sub> O <sub>5</sub>
Molecular Weight:	390.51
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Resolvin D1 methyl ester (RvD1 methyl ester) is the methyl ester of Resolvin D1 (HY-125527). Resolvin D1 methyl ester reduces triglyceride levels <sup>[1]</sup> .
In Vivo	<p>Treating diabetic mice with menhaden oil in the diet or exogenously with resolvins D1 and E1 or the methyl esters of resolvins D1 (1 ng/g ; i.p.; daily) and D2 reduced triglyceride levels to control values or lower in type 2 diabetes C57BL/6J mice<sup>[1]</sup>.</p> <p>Treating diabetic mice with the methyl esters of resolvins D1 or D2 significantly improved motor nerve conduction velocity compared to non-treated diabetic mice but both motor and sensory nerve conduction velocities in these treated mice remained significantly impaired compared to control mice<sup>[1]</sup>.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

### REFERENCES

[1]. Alexander Obrosof, et al. Effect of Fish Oil vs. Resolvin D1, E1, Methyl Esters of Resolvins D1 or D2 on Diabetic Peripheral Neuropathy. J Neurol Neurophysiol. 2017;8(6):453.

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

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