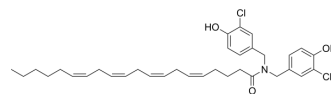


## O-2093

<b>Cat. No.:</b>	HY-103340
<b>CAS No.:</b>	439080-01-0
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>43</sub> Cl <sub>2</sub> NO <sub>3</sub>
<b>Molecular Weight:</b>	584.62
<b>Target:</b>	Cannabinoid Receptor
<b>Pathway:</b>	GPCR/G Protein; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	O-2093 is a selective endocannabinoid anandamide (AEA) reuptake inhibitor with IC <sub>50</sub> of 17.3 μM <sup>[1]</sup> .
<b>In Vivo</b>	O-2093 (1 mg/kg, i.v.) can significantly inhibit limb spasticity in CREATE mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Alessia Ligresti, et al. New potent and selective inhibitors of anandamide reuptake with antispastic activity in a mouse model of multiple sclerosis.

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

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