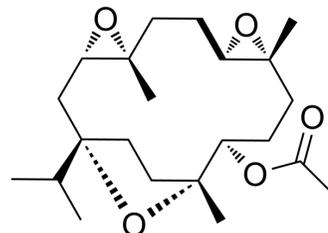


## GABAA receptor agonist 2

<b>Cat. No.:</b>	HY-147736
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>36</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	380.52
<b>Target:</b>	GABA Receptor
<b>Pathway:</b>	Membrane Transporter/Ion Channel; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

GABAA receptor agonist 2 (compound 4c) is a potent GABAA receptor agonist. GABAA receptor agonist 2 shows anti-depression activities in classical mouse models of depression of FST and TST. GABAA receptor agonist 2 binds at the GABA binding site of GABAA receptor in order to produce GABAergic effects. GABAA receptor agonist 2 has the potential for the research of depression<sup>[1]</sup>.

### REFERENCES

[1]. Ur Rehman N, et al. Incensole derivatives from frankincense: Isolation, enhancement, synthetic modification, and a plausible mechanism of their anti-depression activity. *Bioorg Chem.* 2022 Sep;126:105900.

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

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