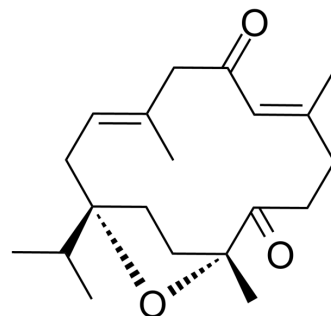


GABAA receptor agonist 1

Cat. No.:	HY-147735
Molecular Formula:	C ₂₀ H ₃₀ O ₃
Molecular Weight:	318.45
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GABAA receptor agonist 1 (compound 3e) is a potent GABAA receptor agonist. GABAA receptor agonist 1 shows anti-depression activities in classical mouse models of depression of FST and TST. GABAA receptor agonist 1 binds at the GABA binding site of GABAA receptor in order to produce GABAergic effects. GABAA receptor agonist 1 has the potential for the research of depression ^[1] .
IC ₅₀ & Target	GABAA Receptor ^[1]

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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