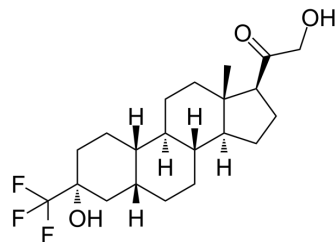


GMA-839

Cat. No.:	HY-117955
CAS No.:	162882-76-0
Molecular Formula:	C ₂₁ H ₃₁ F ₃ O ₃
Molecular Weight:	388.46
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

GMA-839 is a selective modulator of the γ -aminobutyric acid A receptor (GABA_A) with an IC₅₀ value of 230 nM. GMA-839 exhibits potent anxiolytic-like activity, demonstrating significant dose-dependent anxiolytic effects in animal models, with an effective oral dose of 1.6 mg/kg. Significant increases in punished responding were observed in squirrel monkeys and pigeons. GMA-839 shows promise for research in the field of anxiolytics^[1].

REFERENCES

[1]. Vanover KE, et al. Characterization of the anxiolytic properties of a novel neuroactive steroid, Co 2-6749 (GMA-839; WAY-141839; 3 α , 21-dihydroxy-3 β -trifluoromethyl-19-nor-5 β -pregnan-20-one), a selective modulator of gamma-aminobutyric acid(A) receptors. J Pharmacol Exp Ther. 2000 Oct;295(1):337-45.

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

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