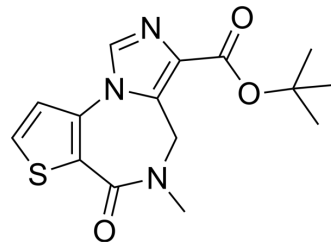


Ro19-4603

Cat. No.:	HY-103500
CAS No.:	99632-94-7
Molecular Formula:	C ₁₅ H ₁₇ N ₃ O ₃ S
Molecular Weight:	319.38
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	Ro19-4603 is a benzodiazepine inverse agonist. Ro19-4603 antagonizes ethanol (EtOH) intake in alcohol-preferring rats ^[1] .	
In Vivo	Ro19-4603 (0-0.3 mg/kg, i.p.) markedly reduces EtOH intake at the 8-h interval in alcohol-preferring rats ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Alcohol-Preferring rats ^[1]
	Dosage:	0.075, 0.150, and 0.30 mg/kg.
	Administration:	i.p.
	Result:	Reduced EtOH intake at the 8-h interval, but no apparent effect at the 24-h interval.

REFERENCES

[1]. June HL, et al. The benzodiazepine inverse agonist RO19-4603 exerts prolonged and selective suppression of ethanol intake in alcohol-preferring (P) rats. *Psychopharmacology (Berl)*. 1994 Jul;115(3):325-31.

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

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