



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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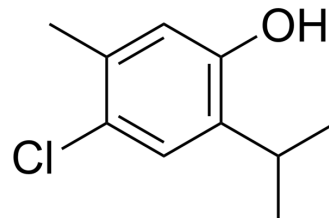
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Chlorothymol

Cat. No.:	HY-B1606
CAS No.:	89-68-9
Molecular Formula:	C ₁₀ H ₁₃ ClO
Molecular Weight:	184.66
Target:	GABA Receptor; Bacterial
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Anti-infection
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Chlorothymol (Chlorthymol) is a potent GABA_A receptor subunit LGC-37 positive modulator. Chlorothymol is an effective anticonvulsant. Chlorothymol is protective in several mouse seizure assays, including the 6-Hz 44-mA model of pharmacoresistant seizures. Chlorothymol possess GABAergic, membrane-modifying, antioxidant and topical antiseptic properties^[1].

REFERENCES

[1]. Alistair Jones, et al. A multiorganism pipeline for antiseizure drug discovery: Identification of chlorothymol as a novel γ -aminobutyric acidergic anticonvulsant. *Epilepsia*. 2020 Oct;61(10):2106-2118.

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

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