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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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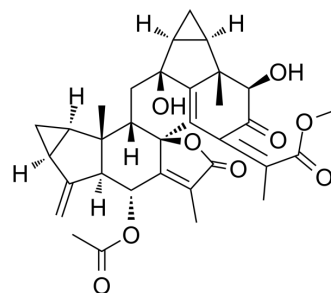
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Chlorahololide C

Cat. No.:	HY-N8404		
CAS No.:	1007859-25-7		
Molecular Formula:	C ₃₃ H ₃₆ O ₉		
Molecular Weight:	576.63		
Target:	Potassium Channel		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Chlorahololide C, a lindenane sesquiterpenoid dimer, is isolated from <i>Chloranthus holostegius</i> . Chlorahololide C is a potent and selective potassium channel blocker, with an IC ₅₀ of 3.6 μM ^[1] .
IC₅₀ & Target	IC ₅₀ : 3.6 μM (potassium channel) ^[1]
In Vitro	Chlorahololide C (0.1-100 μM) inhibits the delayed rectifier K ⁺ current (IK) in rat dissociated hippocampal neurons, with an IC ₅₀ of 3.6 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yang SP, et, al. Chlorahololides C-F: a new class of potent and selective potassium channel blockers from *Chloranthus holostegius*. *Tetrahedron*. 2008 Feb; 64(9):2027-2034.

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

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