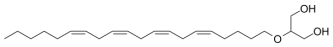
Noladin ether

Cat. No.:	HY-110014
CAS No.:	222723-55-9
Molecular Formula:	$C_{23}H_{40}O_3$
Molecular Weight:	364.56
Target:	Cannabinoid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



BIOLOGICAL ACTIVITY

Description	Noladin ether is a potent and selective agonist of cannabinoid CB_1 receptor, with a K_i of 21.2 nM. Noladin ether can cause hypothermia, intestinal immobility, and mild antinociception[1].	
IC_{50} & Target	CB1 21.2 nM (Ki)	CB2 >3 mM (Ki)

CUSTOMER VALIDATION

- J Headache Pain. 2023 Apr 21;24(1):44.

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REFERENCES

[1]. Hanus L, et, al. 2-arachidonyl glyceryl ether, an endogenous agonist of the cannabinoid CB1 receptor. Proc Natl Acad Sci U S A. 2001 Mar 27;98(7):3662-5.

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

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