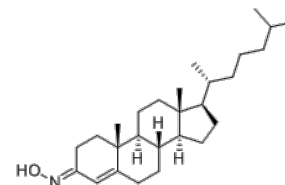


Product Name : Olesoxime
Cat. No. : PC-62134
CAS No. : 22033-87-0
Molecular Formula : C₂₇H₄₅NO
Molecular Weight : 399.65
Target :
Solubility : 10 mM in DMSO



Biological Activity

Olesoxime (TRO 19622) is a cholesterol-like compound that binds directly to two components of the mitochondrial permeability transition pore (**mPTP**): the voltage-dependent anion channel and TSPO (or PBR).

Olesoxime rescues motor neurons from axotomy-induced cell death in neonatal rats and promoted nerve regeneration following sciatic nerve crush *in vivo*.

Olesoxime significantly reduces established mechano-allodynia and mechano-hyperalgesia.

References

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Schaller S, et al. *J Pharmacol Exp Ther.* 2010 Jun;333(3):696-706.

Sunyach C, et al. *Neuropharmacology.* 2012 Jun;62(7):2346-52.

Gouarné C, et al. *Br J Pharmacol.* 2013 Apr;168(8):1975-88.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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