

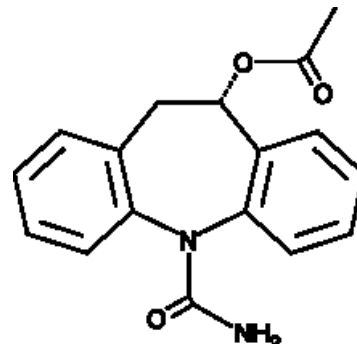


Eslicarbazepine Acetate

Cat No: 23656 - 5 mg

General Data

Shipping:	dry ice
Formulation:	A solid
Purity:	≥95%



Product Overview

Eslicarbazepine acetate is a sodium channel blocker (IC₅₀ = 138 nM in a radioligand binding assay).{40363} It inhibits sodium uptake in a dose-dependent manner in rat cortical synaptosomes at concentrations ranging from 30-300 µM. In vivo, oral and i.p. administration of eslicarbazepine acetate is protective against seizures induced by maximal electroshock (MES) in mice with ED₅₀ values of 4.7 and 6.3 mg/kg, respectively, which are well below the median toxic dose (TD₅₀) values of 358.7 and 78.6 mg/kg for oral and i.p. administration respectively. High-dose administration (30 mg/kg) of eslicarbazepine acetate prevents picrotoxin-induced seizures in rats.{40364} Low-dose administration (10 mg/kg) does not suppress picrotoxin-induced seizures, however, it reduces seizure number and duration. Formulations containing eslicarbazepine acetate have been used for the treatment of partial-onset seizures.{40365}

FP/03/24

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