

# Eslicarbazepine (acetate)

Catalog No: tcsc2942



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

236395-14-5

**Formula:**

$C_{17}H_{16}N_2O_3$

**Pathway:**

Neuronal Signaling;Membrane Transporter/Ion Channel

**Target:**

Beta-secretase;Sodium Channel

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 100$  mg/mL (337.47 mM)

**Alternative Names:**

BIA 2-093

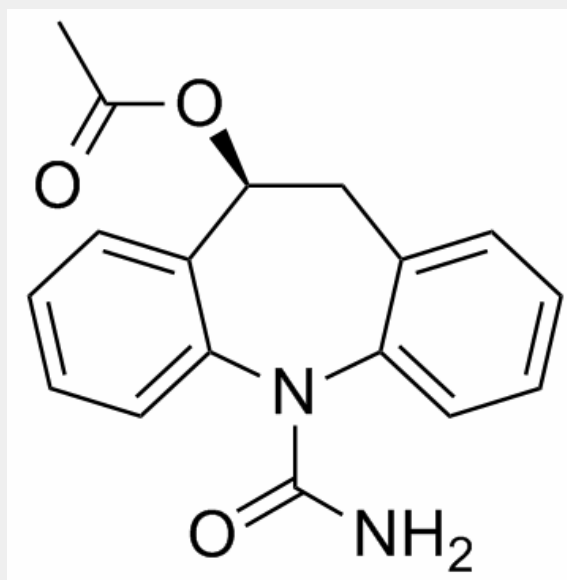
**Observed Molecular Weight:**

296.32

## Product Description

Eslicarbazepine acetate, an antiepileptic drug, is a dual a dual Inhibitor of  **$\beta$ -Secretase** and voltage-gated **sodium channel**.

***In Vivo:*** Eslicarbazepine acetate is an antiepileptic drug. It is a prodrug which is activated to eslicarbazepine (S-licarbazepine), an active metabolite of oxcarbazepine. Eslicarbazepine acetate is a prodrug for (S)-(+)-licarbazepine, the major active metabolite of oxcarbazepine. Its mechanism of action is therefore identical to that of oxcarbazepine. Eslicarbazepine acetate may not produce as high peak levels of (S)-(+)-licarbazepine immediately after dosing as does oxcarbazepine which could theoretically improve tolerability<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!