Ethosuximide

$$\begin{array}{c}
\downarrow \\
O \\
N \\
O \\
H_3C
\end{array}$$

$$\begin{array}{c}
O \\
C_2H_5
\end{array}$$

MOA-Similar to phensuximide

Uses- used for the treatment of petit mal epilepsy

Phenacemide

MOA

Phenacemide binds to and blocks neuronal sodium channels or voltage sensitive calcium channels. This blocks or suppresses neuronal depolarization and hypersynchronization.

Uses

Used to control certain seizures in the treatment of epilepsy.

Carbamazepine

MOA: Carbamazepine inhibits the voltage-dependent sodium channels and prevents generation of high frequency action potentials. It also increase dopamine turnover and increase GABA transmission.

Uses: Carbamazepine is indicated for the treatment of epilepsy and pain associated with neuralgia.