

Memantine is a medication used to treat symptoms of Alzheimer's disease. Alzheimer's disease is a type of dementia that affects memory, thinking, and behaviour.

Memantine is an N-methyl-D-aspartate (NMDA) receptor antagonist, which means that it works by blocking the activity of glutamate, a chemical in the brain that is involved in learning and memory.

Memantine is used to improve cognitive function in people with moderate to severe Alzheimer's disease. It may help to slow down the decline of thinking and memory skills and improve the ability to perform daily activities.

Common side effects of memantine may include headache, dizziness, confusion, constipation, and diarrhoea. In rare cases, memantine may cause more serious side effects such as seizures, hallucinations, or heart problems.

It is important to note that memantine may not be safe for everyone. It should not be used in people with severe kidney problems, and it may interact with other medications.

Overall, memantine can be an effective treatment option for improving cognitive function in people with Alzheimer's disease. However, it is important to discuss the risks and benefits of this medication with a specialist and to carefully monitor for any potential side effects.