

Broplarine

A drug created and manufactured by [Advancer Enterprises](#), it entered Advancer's [pharmaceutical catalog](#) in late [YE 45](#). Broplarine is an advanced synaptic stimulant and nootropic that is engineered to improve synaptic transmission.

»Optional Image«	
Year Created:	YE 45
Designer / Manufacturer:	Advancer Enterprises
Nomenclature:	AE-N18
Price:	19 KS per 100mg capsule

History

Broplarine was conceived and developed by Dr. Emily Chen, a leading neuroscientist with a focus on synaptic plasticity. The initial aim was to create a drug that could serve as a potent treatment for neurodegenerative diseases like Alzheimer's and Parkinson's. Dr. Chen's research team at Advancer Enterprises utilized advanced neuroimaging and computational models to understand the intricate dynamics of synaptic transmission.

The drug underwent multiple phases of clinical trials, involving both animal and human subjects. These trials were designed to rigorously test the drug's efficacy in enhancing synaptic transmission and its safety profile. The results were promising, showing not only a significant improvement in synaptic function but also cognitive enhancement. This led to its approval for commercial production and its inclusion in Advancer's pharmaceutical catalog.

Usage

Broplarine functions by enhancing the efficiency of synaptic transmission, the process by which neurons communicate. This results in a cascade of cognitive benefits, including but not limited to, increased mental acuity, enhanced focus, better memory recall, and accelerated learning capabilities. The drug also promotes neuroplasticity, aiding in the development and survival of neurons and synapses.

The standard dosage is a 100mg capsule, administered orally once daily. The treatment period is generally up to 12 weeks, after which a medical review is recommended. Given its potent effects, Broplarine has found a diverse user base, ranging from students and professionals seeking cognitive enhancement to patients requiring treatment for neurodegenerative conditions.

Side Effects

While Broplarine offers a range of cognitive benefits, it is not without its side effects. Overstimulation is

the most commonly reported adverse effect, manifesting as symptoms like restlessness, insomnia, or anxiety. These symptoms are generally dose-dependent and can be managed by adjusting the dosage or timing of administration.

Due to its impact on synaptic transmission, Broplarine can also lead to heightened alertness. While beneficial in some contexts, this can be a drawback for individuals with pre-existing anxiety disorders. Additionally, the drug is metabolized primarily by the liver, making it potentially hepatotoxic when used in excess. Regular liver function tests are strongly advised for long-term users.

Overdose

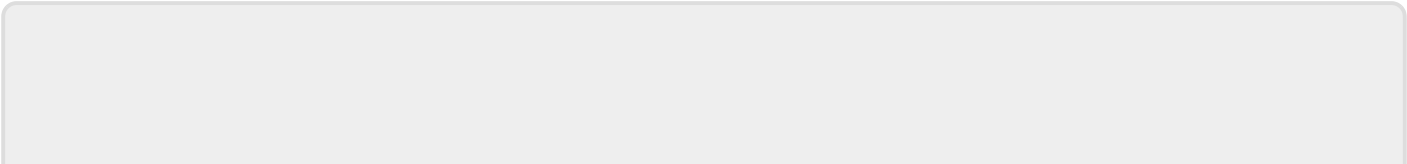
An overdose of Broplarine can lead to severe neurological complications, including seizures, extreme agitation, and hallucinations. The overdose threshold is estimated to be between 300mg and 700mg. Liver toxicity is also a significant concern in cases of overdose, necessitating immediate medical intervention, possibly including liver dialysis to expedite the removal of the drug from the system.

OOC Notes

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Approval Thread:
<https://stararmy.com/roleplay-forum/threads/advancer-enterprises-white-lion-type-45-vehicle-aid-kit.71051/>

Star Army Logistics	
Supply Classification	Class J - MEDICAL BIOLOGICAL
Drugs, Medicines, and Pharmaceuticals	
Drug Name(s)	Broplarine
Route of Administration	oral
Drug Class	Stimulant
Products & Items Database	
Product Categories	drugs
Product Name	Broplarine
Nomenclature	AE-N18
Manufacturer	Advancer Enterprises
Year Released	YE 45
Price (KS)	19.00 KS



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