



Bacopal

Standardized Extract of
Bacopa monnieri

For Memory and Cognition



Manipal Natural
PRIVATE LIMITED



Bacopal

A phytochemical composition
of bacosides with true
claims on the optimum
levels
bioactive constituents

Bacopal is a standardized
extract developed by
Manipal Natural Pvt Ltd

Bacopal

www.manipalnatural.com

How Bacopal works?

Inhibits Lipoxygenase activity¹

Agonist activation against 5-HT_{1A} receptors⁴

Modulation of
acetylcholine release²



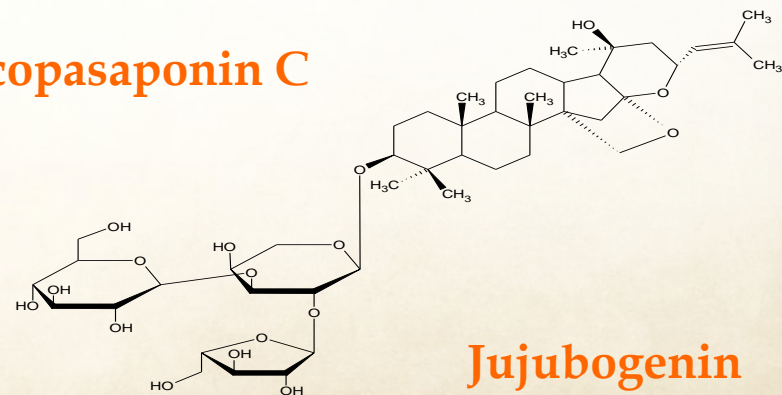
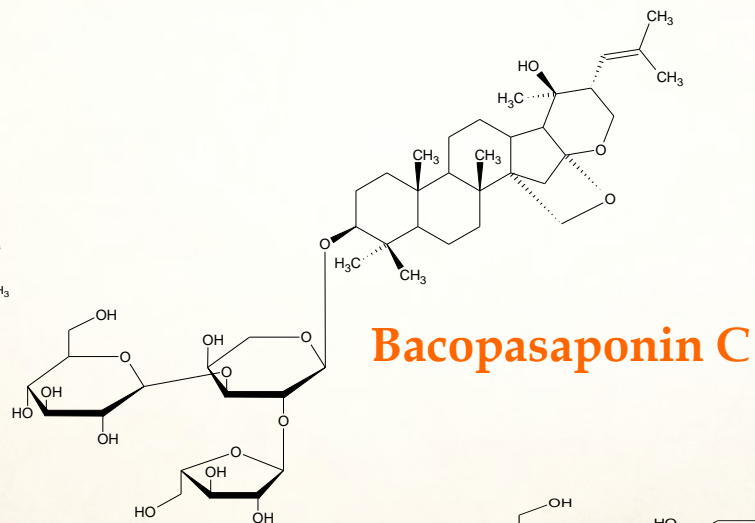
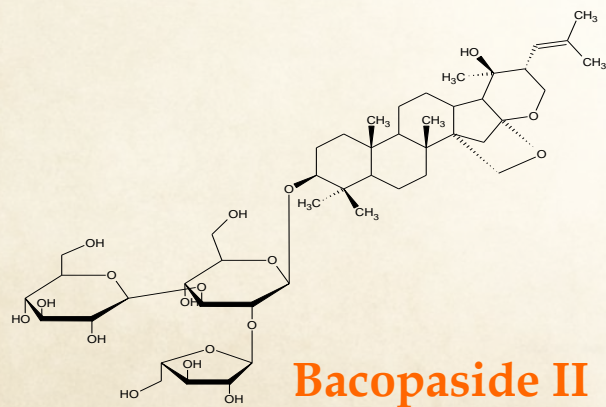
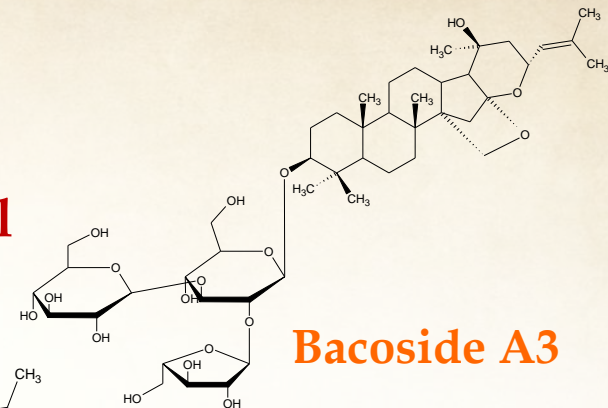
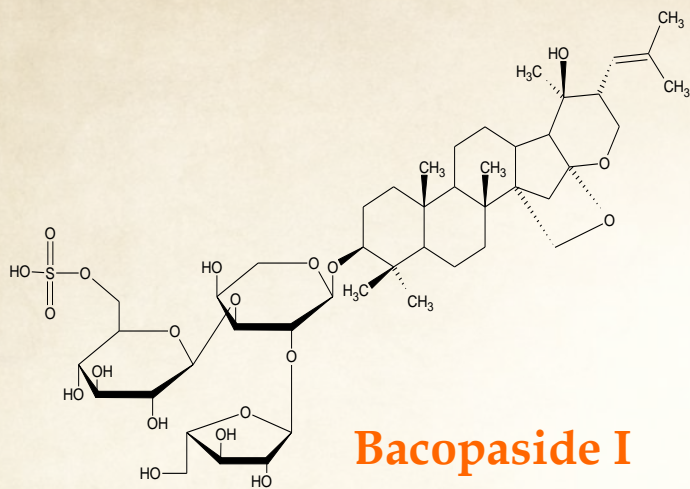
Reduces amyloid levels in the
brain⁵

Inhibits butyrylcholinesterase activity³

By Antioxidant effect⁶

1. *Phytotherapy Res.* 2007 21(10); pp 965-969
2. *Molecular aspects of Asian Medicine* NY, PJD Publication 2000 pp 89-117
3. *Phytomedicine* 2007; 14: pp 301-308
4. *American Society of Pharmacognosy*
5. *J Alzheimers Dis* 2008 9(3); pp 243-51
6. *Phytotherapy Res.* 2000 14; pp 174-179

Composition of Bacopal





**Bacopal is chemically standardized to 5
different bioactive compounds by HPLC**

**Bacopal is available as a free flowing
powder and granular form**

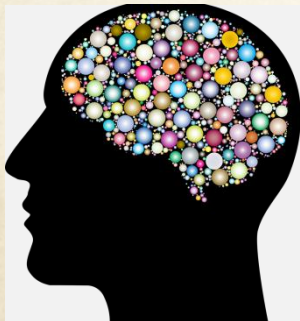
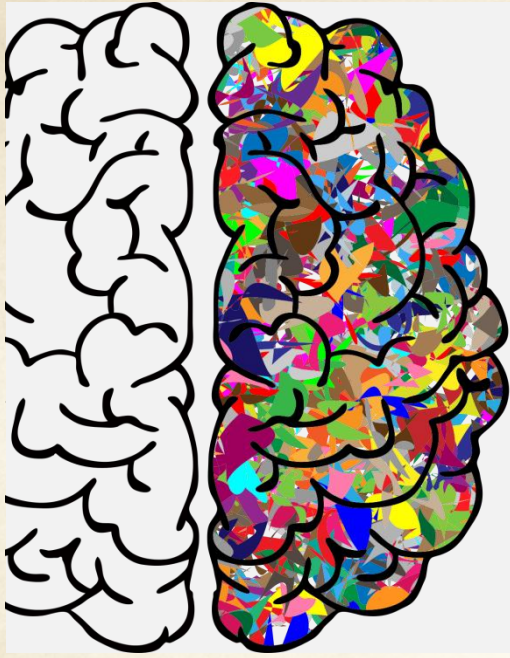
Why Bacopal ?

**Bacopal is manufactured in a GMP certified
Facility and it is Kosher certified**



Grades

- **Bacopa Extract 20%, 45%, 50% by UV**
(Powder and Granular)
- **Bacopa Extract 20% by HPLC Methanol extracted**
(Powder and Granular)
- **Bacopa Extract 20%, and 40% by HPLC**
Ethanol extracted (Powder and Granular)
- **Bacopa Extract with low PAHs**
- **Bacopa Powder**



Memory: is the ability of the brain to store, retain and subsequently recall information. In the recent decades, it has become one of the principal pillars of a new branch of science, cognitive neuroscience.

Cognitive processes are thus the mental processes involved in knowing about the world; as such, they are important in perception, attention, thinking, problem solving and memory

Memory loss (amnesia) is unusual forgetfulness that can be caused by brain damage due to disease or injury, or it can be caused by severe emotional trauma.

Aging causes deterioration of various aspects of memory performance in normal adults. **Age Associated Memory Impairment (AAMI)** is a common condition characterized by very mild symptoms of cognitive decline that occur as part of the normal aging process.

Bacopal

Bacopa monnieri (Linn.) Pennell.

English name Bacopa

Local name Brahmi

Family Scrophulariaceae

Part used Entire plant



Brahmi

Brahmi is an important 'Medhya' (Brain tonic) in Ayurveda for improvement of intelligence, memory and revitalization of sense organs. It helps to regain general mental health through its rejuvenate effect.

Medhya

Bacopa monnieri is one of the most honored medicinal plant in Ayurveda and has been used traditionally since 3000 years

.. ब्राह्मि .. मेध्या .. स्मृतिप्रदा .. (भा. प्र.)

(Good for brain, enhances memory)

.. ब्राह्मि .. बुद्धिप्रदा .. मेधायुरग्निजननी .. स्मृतिदा .. (नि. र.)

(Improves intelligence, enhances memory)

.. ब्राह्मि .. मेध्या .. (ग. नि.) (Brain tonic)

.. ब्राह्मि .. स्मृतिप्रदा .. (म. पा. नि. म. वि.) (Enhances memory)



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Thank You

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