

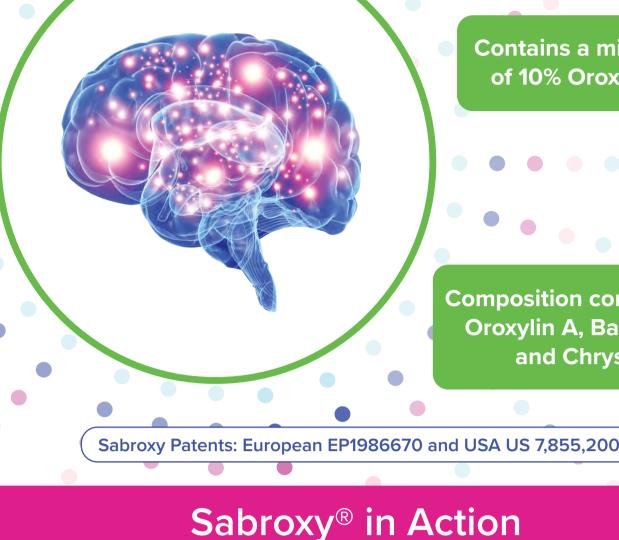
Nootropics are supplements that help support memory, focus and concentration for optimal brain function.



Standardized extract derived

from the dried bark of Indian

trumpet tree (Oroxylum indicum)



Composition comprising

Oroxylin A, Baicalein

and Chrysin

Contains a minimum

of 10% Oroxylin A

BDNF

Brain Derived Neurotrophic Factor

BDNF acts on the neurons and helps to support the survival of existing neurons, and encourage the growth and differentiation of new neurons and synapses.

BDNF is important for long term memory.

Sabroxy® improves levels of Brain Derived Neurotrophic Factor (BDNF), in a dose dependent manner

The activation of the BDNF-TrkB

memory and the growth of neurons.

pathway is important in the development of short-term

Gonzalez, M. C., A. Radiske and M. Cammarota (2019). "On the Involvement of BDNF Signaling in Memory Reconsolidation." Frontiers in Cellular Neuroscience 13(383).

Sabroxy

Total No. Subjects Enrolled

(n = 82)

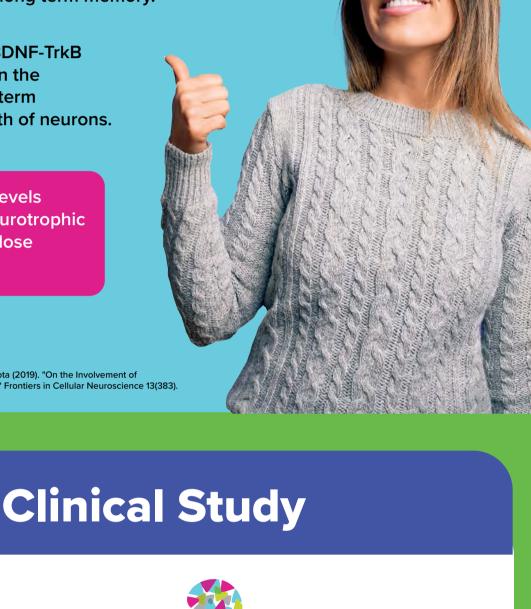
Age: 60-82

Assessments: 4 & 8 weeks

Oroxylum indicum Extract

(500 mg Sabroxy®) (n=42)

Randomized



Study Design

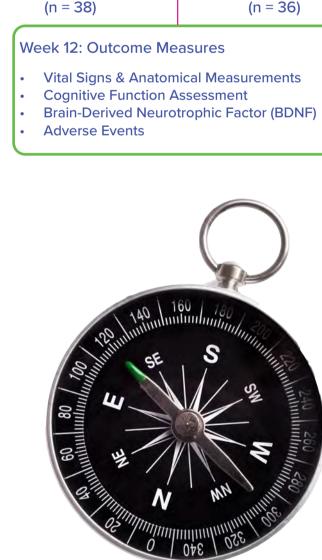
Oroxylum indicum Extract

Randomized, Double-Blind, Placebo-Controlled Study



Placebo

(n=40)



(BDNF) analysis at baseline and week 12 Adverse events

The COMPASS (Northumbria University, Newcastle upon Tyne, UK) is a software

application for the presentation of computerized standard and novel cognitive tasks that assess episodic memory and speed of response.

 Montreal cognitive assessment (moca) at baseline and week 12 Brain Derived Neurotrophic Factor

Secondary Outcome Measures

Control, autonomy, self-realization,

and weeks 4, 8, and 12

and pleasure (casp-19) at baseline,

 Cognitive failures questionnaire (cfq) at at baseline, and weeks 4, 8, and 12

The tasks included Word presentation Immediate word recall Picture presentation Computerized location learning Simple reaction time

Choice reaction time Numeric working memory

Delayed word recall

Delayed word recognition Delayed picture recognition **Delayed location recognition**

Saboxy® group showed faster rate of learning and speed of responses compared to the placebo group. Oroxylum indicum **Baseline** Trial 3 Trial 5 **Study Conclusions**

20

18

16

10

Placebo Week 12

Trial 3

Trial 4

Trial 5

Improvements in episodic memory

Lopresti AL, Smith SJ, Majeed M, Drummond PD. Effects of an Oroxylum indicum Extract (Sabroxy®) on Cognitive Function in Adults With Self-reported Mild Cognitive Impairment: A Randomized, Double-Blind, Placebo-Controlled Study. Front Aging Neurosci. 2021;13:728360. doi: 10.3389/fnagi.2021.728360.

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16

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Sabroxy® supplementation can help to preserve cognitive function, improve memory, help maintain healthy nerve

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function, and thus maintain good neurological health.

1. S.R. Pondugula, A. Harshan, S. Ramesh, M. Govindarajulu, M. Almaghrabi, M. Majrashi, K.L. Abbott, R. Nada r, M. Alturki, J.M. Salamat, F. Smith, M. Majeed, K. Nagabhushanam, T. Moore, J. Ren, M. Dhanasekaran, Cardioprotective Effects of Oroxylum indicum Extract Against Doxorubicin and Cyclophosphamide-Induced Cardiotoxicity, Cardiovascular Toxicology 22(1) (2022) 67-77

2. A.L. Lopresti, S.J. Smith, M. Majeed, P.D. Drummond, Effects of an Oroxylum indicum Extract (Sabroxy®) on Cognitive Function in Adults With Self-reported Mild Cognitive Impairment: A Randomized, Double-Blind, Placebo-Controlled Study, Frontiers in Aging Neuroscience 13 (2021) 3. S.R. Pondugula, M. Majrashi, M. Almaghrabi, S. Ramesh, K.L. Abbott, M. Govindarajulu, K. Gill, E. Fahoury, N. Narayanan, D. Desai, J. Ren, R. Nadar, T. McElroy, T. Moore, M. Majeed, N. Kalyanam, M. Dhanasekaran,

- Oroxylum Indicum ameliorates chemotherapy induced cognitive impairment, PLOS ONE 16(6) (2021) e0252522. 4. S.R. Pondugula, J.M. Salamat, K.L. Abbott, P.C. Flannery, M. Majrashi, M. Almaghrabi, M. Govindarajulu, S. Ramesh, S.K. Onteru, M. Sandey, C.C. Huang, K. Gill, N. Narayanan, E. McElroy, D. Desai, R. Nadar, T. Moore,
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- 6. S.R. Pondugula, M. Majrashi, M. Almaghrabi, K.L. Abbott, M. Govindarajulu, S. Ramesh, K. Gill, E. Fahoury, N. Narayanan, D. Desai, R. Nadar, E. McElroy, T. Moore, K. Nagabhushanam, M. Majeed, M. Dhanasekaran, Oroxylum indicum extract prevents chemotherapy-induced cognitive impairment in mice, The FASEB Journal 34(S1) (2020) 1-1. 7. Muhammed Majeed, Alpana Pande, Kalyanam Nagabhushanam, Shaheen Majeed & Anurag Pande (2017)

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and Dhanasekaran, M. (2020), Oroxylum indicum extract does not induce hepatotoxicity in mice.

The FASEB Journal, 34: 1-1. doi:10.1096/fasebj.2020.34.s1.07406

chromatography and mass spectrometry, Journal of Liquid Chromatography & Related Technologies, 40:14, 732-740,

Sabroxy Studies

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, mitigate or prevent any disease.

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