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Abstract

Ethnopharmacological relevance

Colebrookea oppositifolia Smith is one of the extensively used plants to treat neurological conditions such as epilepsy by the various ethnic communities in sub-Himalayan regions of India such as Bhoja, Tharu and nomadic Gujjars.

Aim of the study

This study was conducted to evaluate the cerebroprotective effect of *C. oppositifolia* methanolic root (MeCO) extract in Wistar rats.

Materials and Methods

The MeCO was characterized for total phenolic content and later subjected for detailed liquid chromatography–mass spectrometry analysis. Further, it was evaluated for *in vitro* antioxidant activity using 2, 2-diphenyl-1-picrylhydrazyl, ferric reducing antioxidant power and oxygen

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