Scopolamine is a tropane alkaloid found in Solanaceae family plants that exhibits antiemetic and anticholinergic activities. Scopolamine inhibits muscarinic acetylcholine receptors (mAChRs) with a moderate selectivity for M1 mAChRs. Scopolamine is used to induce cognitive deficits in animal models of Alzheimer’s disease. Additionally, scopolamine displays some antidepressant activity and has previously been used in the treatment of organophosphate poisoning.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.