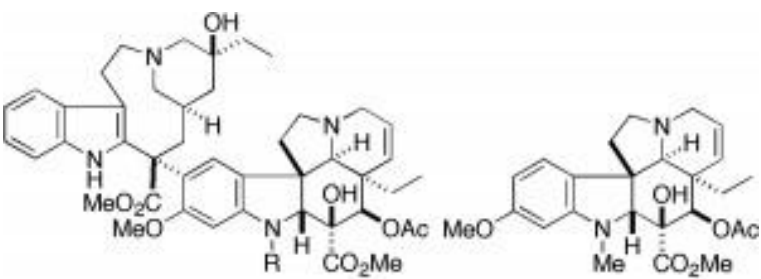


Vinca

<u>Synonym</u>	<u>Biological Source</u>	<u>Family</u>	<u>Chemical constituents</u>	<u>Uses</u>
Vinca rosea, Lochnera rosea, Sadaphuli	Aerial parts of Catharanthus roseus	Apocynaceae	<p>1. Indole and indoline alkaloids:</p> <p>(i) Ajmalicine</p> <p>(ii) Lochnerine</p> <p>(iii) Serpentine and</p> <p>2. Tetrahydroalstonine:</p> <p>(i) Dimeric Indole bases of monoterpene type</p> <p>(ii) Vinblastin</p> <p>(iii) Vincristin.</p>  <p>R = Me: (+)-vinblastine (1) R = CHO: (+)-vincristine (2)</p> <p>(-)-vindoline (3)</p>	Vinca is useful in the herbal treatment of lymphomas. Vinblastine is used for the treatment of Hodgkin's disease and non-Hodgkin's lymphomas while vincristine is used principally in the treatment of acute lymphocytic leukaemia