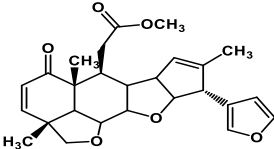


## 28-Deoxonimbolide

Name of the Phytochemical	28-Deoxonimbolide
Chemical Structure	
Botanical Source	Azadirachta indica
CAS Number	126005-94-5
Functional Activity	<ul style="list-style-type: none"><li>• Shows anti cancer activity</li><li>• Induces apoptotic cell death in HL60 cells via both the mitochondrial- and the death receptor-mediated pathways</li></ul>
Key References	<ol style="list-style-type: none"><li>1. <u>Cytotoxic and apoptosis-inducing activities of limonoids from the seeds of Azadirachta indica (neem). J Nat Prod., 2011, 74, 866-70.</u></li><li>2. Spectroscopic and Biological Investigation of Nimbolide and 28-Deoxonimbolide from Azadirachta indica. <u>Journal of Natural Products, 1989, 52, 1246-1251</u></li></ol>

	<p>3. Optimised isolation procedure for biologically active compounds nimbolide and 28-deoxonimbolide from <i>Azadirachta indica</i> leaves. <b>Phytochemistry</b>, 1997, 46, 1177-1178</p> <p>4. Cytotoxic and Melanogenesis-Inhibitory Activities of Limonoids from the Leaves of <i>Azadirachta indica</i> (Neem). <b>Chemistry &amp; Biodiversity</b>, 2014, 11, 451-468</p> <p>5. Neem Composition used for the treatment of Cancer. <b>WO2015035199A1</b></p>
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