

ChemName	γ -Fagarine
Synonyms	
CASNo	524-15-2
Source/Synthesis	Isol. from <i>Aegle marmelos</i>
physical & chemical parameters	$C_{13}H_{11}NO_3$
	229
	Yellow prisms (petrol)
	Mp 142 °C
structure formula	<p>The chemical structure of γ-Fagarine is a tricyclic compound. It consists of a central quinoline ring fused to a 2H-pyran ring, which is further fused to a benzene ring. The 2H-pyran ring has an oxygen atom at position 2 and a methoxy group (OMe) at position 4. The benzene ring has a methoxy group (OMe) at position 5. Carbons are numbered: 4 (methoxy group), 5 (methoxy group), 2 (pyran ring), and 3 (quinoline ring).</p>
NMR	^{13}C -NMR($CDCl_3$): C-2 143.3, C-2a 162.7, C-3 104.1, C-3a 119.1, C-4 156.3, C-4a 103.3, C-5 107.3, C-6 122.9, C-7 113.7, C-8 154.1, C-8a 137.1, OMe 58.5, 55.5
References	1. Yagudaev M. R. et al., <i>Chem. Nat. Comp.</i> 1989, 25, 20