

**Dr. Duke's Phytochemical and Ethnobotanical Databases****List of Chemicals for Bitter**

Chemical	Dosage
1,2,11,13,2,3'-HEXAHYDROVERNODALIN	2.4 ug
11(S),13-DIHYDRO-8-DEOXYLACTUCIN	1.1 ppm
11(S),13-DIHYDROLACTUCIN	1.4 ppm
11(S),13-DIHYDROLACTUCOPICRIN	0.2 ppm
4,15-DIHYDROVERNODALIN	0.8 ug
8-DEOXYLACTUCIN	1.1 ppm
AMYGDALIN	--
ARCTIOPICRIN	--
CORNINE	--
HYDROXYVERNOLIDE	1.0 ug
LACTUCIN	1.7 ppm
LACTUCOPICRIN	0.5 ppm
MARRUBIIN	(gentian)
TAMARINDIENAL	--