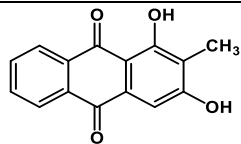


Rubiadin

Name of the Phytochemical	Rubiadin
Chemical Structure	
Botanical Source	Rubia cordifolia
CAS Number	117-02-2
Functional Activity	<ul style="list-style-type: none"> • Exhibits antibacterial and hepatoprotective activity • It has a potent antioxidant activity
Key References	<ol style="list-style-type: none"> 1. Photodynamic activity of anthraquinones isolated from <i>Heterophyllaea pustulata</i> Hook f. (Rubiaceae) on MCF-7c3 breast cancer cells. Phytomedicine, 2011, 18, 1093-1095 2. The mutagenic constituents of <i>Rubia tinctorum</i>. Chemical & pharmaceutical bulletin, 1992, 40, 1504-1509 3. Comparison of the antioxidant action of the alcoholic extract of <i>Rubia cordifolia</i> with rubiadin. Indian journal of biochemistry & biophysics, 1999, 35, 313-316 4. Rubiadin, a new antioxidant from <i>Rubia cordifolia</i>. Indian J. Biochem. Biophys., 1997, 34, 302-306 5. Rubiadin exerts an acute and chronic anti-inflammatory effect in rodents. <i>Braz. J. Biol.</i>, 2023, 83 6. Hepatoprotective effects of rubiadin, a major constituent of <i>Rubia cordifolia</i> Linn. <i>Journal of Ethnopharmacology</i>, 2006, 103, 484-490