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## Highly cytotoxic triterpenes from the roots of Tripterygium regelii

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The five triterpenes having quinone methide moiety were isolated from the roots of tripterygium regelii. The structures were clearly defined as celastrol (1), pristimerine (2), Tingenone (3),  $22-\beta$ -hydroxytingenone (4), Iguesterine (5) and the aid of NMR spectroscopic technique and X-ray crystallography. All compounds showed extremely high cytotoxicities (IC50 0.44-0.66 uM ) against A549, SK-OV3, MCF7, and HCT-15. They also showed strong antibacterial activities (MIC 1.1-1.3 uM) against Gram-positive bacteria such as Bacillus substilis, Bacillus cereus, Staphylococcus aureus.