Supplementary file 1

Exploring the cytotoxic potential of genus *Tecoma*: An in-depth review

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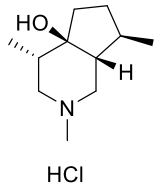
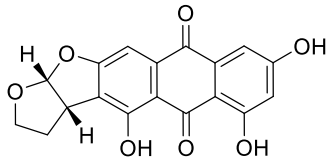
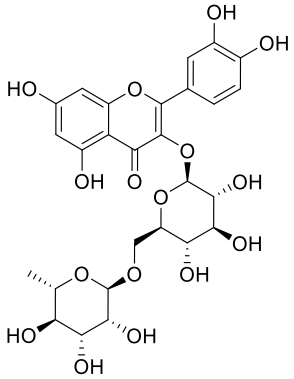
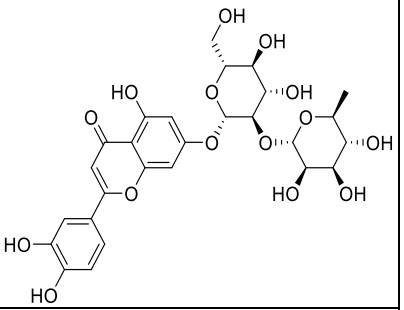
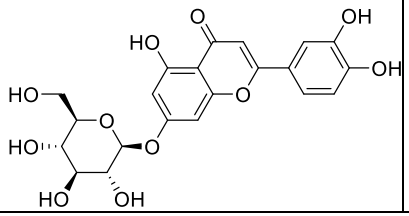
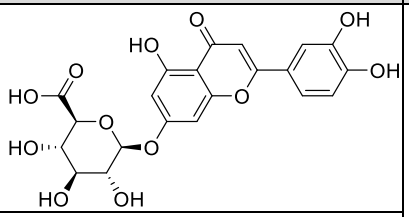
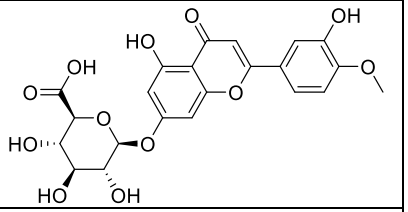
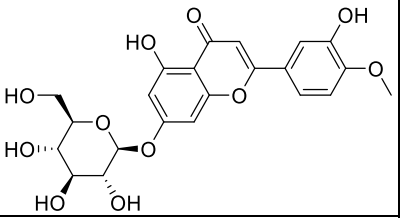
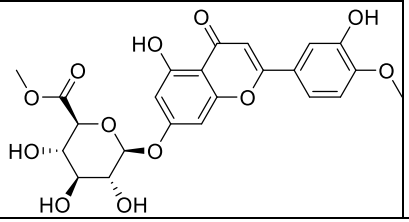
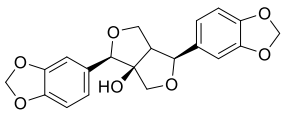
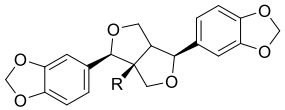
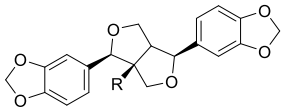
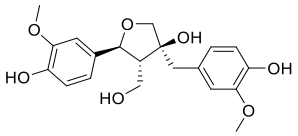
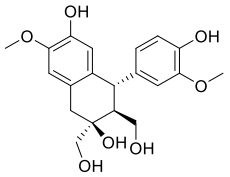
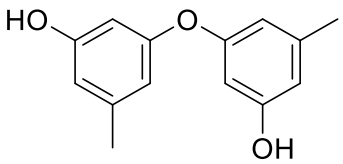
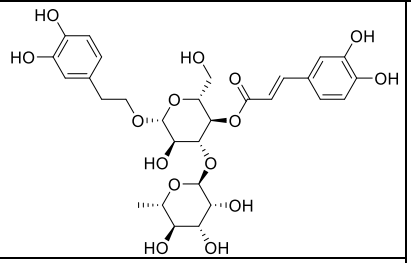
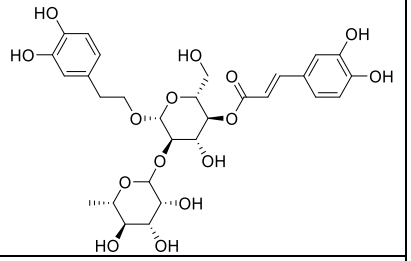
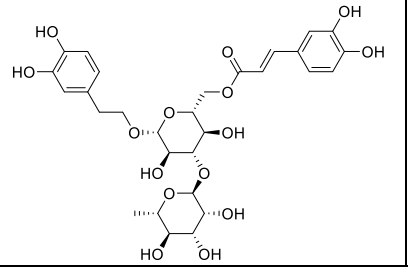
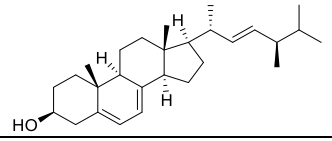
Table S1. List of phytochemicals identified in the cytotoxic extracts of *Tecoma* species

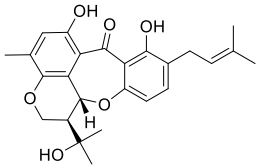
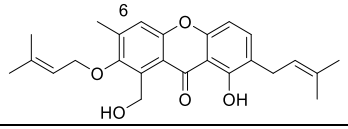
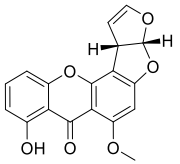
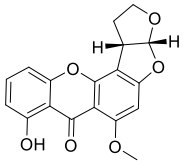
Compound name		Plant part / species	Results of the cytotoxic activity	Reference
Alkaloids (Monoterpene alkaloids)				
5-Hydroxyskytanthine hydrochloride		Fruits and flowers of *T. stans*	IC_{50} value of 33.06 µM against MCF-7	(23)
Anthraquinones				
Versicolorin B		*Aspergillus* sp. endophyte from *T. stans* leaves	IC_{50} value of 382.03 µM against MCF-7 IC_{50} value of 476.07 µM against HepG2	(31)

Compound name		Plant part / species	Results of the cytotoxic activity	Reference
Flavonoids				
Rutin		Fruits of *T. stans*	The metabolites were isolated and identified from the cytotoxic extract, however the study did not report the activity for each metabolite individually	(23)
Luteolin 7-O- β -D-neohespridoside				
Luteolin 7-O-β-D-glucopyranoside				

Compound name		Plant part / species	Results of the cytotoxic activity	Reference
Luteolin 7-O- β -D-glucuronopyranoside		Flowers of *T. stans*		
Diosmetin 7-O- β -D -glucuronopyranoside				
Diosmetin 7-O- β -D-glucopyranoside				
Diosmetin 7-O- β -D -glucuronopyranoside methyl ester				
Lignans				
Paulownin		Stem of *T. stans var. stans*	IC_{50} value of 86.08 µM against HepG2 IC_{50} value of 79.25 µM against T24 IC_{50} value of 79.68 µM against TOV-21G	(21)

Compound name		Plant part / species	Results of the cytotoxic activity	Reference
Paulownin acetate			IC_{50} value of 82.76 μM against HepG2 IC_{50} value of 75.92 μM against T24 IC_{50} value of 68.26 μM against TOV-21G	
Sesamin			IC_{50} value of 206.97 μM against HepG2 IC_{50} value of 36.72 μM against T24 IC_{50} value of 267.33 μM against TOV-21G	
Olivil			No cytotoxic effect up to 100.0 μg/mL against any of the examined cell lines	
Cycloolivil			IC_{50} value of 208.74 μM against HepG2 IC_{50} value of 122.16 μM against T24 IC_{50} value of 174.34 μM against TOV-21G	
Phenolics				
Diorcinol		*Aspergillus sp.* endophyte from *T. stans* leaves	IC_{50} value of 577.60 μM against MCF-7 IC_{50} value of 647.09 μM against HepG2	(31)
Phenylethanoids				

Compound name		Plant part / species	Results of the cytotoxic activity	Reference
Acteoside			IC_{50} value of 23.9 µM against MCF-7 IC_{50} value of 63.1 µM against HepG2	(23)
Parvifloroside A			IC_{50} value of 98.4 µM against MCF-7 IC_{50} value of 113.11µM against HepG2	
Isoacetoside			IC_{50} value of 40.1 µM against HepG2	
Sterols				
Ergosterol		*Aspergillus sp.* endophyte from *T. stans* leaves	Not tested	(31)
Xanthones				

Compound name		Plant part / species	Results of the cytotoxic activity	Reference
Arugosin C		*Aspergillus sp.* endophyte from *T. stans* leaves	IC_{50} value against MCF-7 was 449.95 µM IC_{50} value against HepG2 was 697.30 µM	(31)
Iso-Emericellin			IC_{50} value of 225.21 µM against MCF-7 IC_{50} value of 232.07 µM against HepG2	
Sterigmatocystin			IC_{50} value of 403.97 µM against MCF-7 IC_{50} value of 265.20 µM against HepG2	
Dihydrosterigmatocystin			IC_{50} value of 453.57 µM against MCF-7 IC_{50} value of 161.81 µM against HepG2	