

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Acacia catechu*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(+)-AFZELICHIN	Plant	--	--		
0	(-)-ACACATECHIN	Plant	--	--		
0	(-)-EPICATECHOL	Plant	--	--		
0	3-(BETA-L-ARABOPYRANOSIDE)-L-ARABINOSE	Plant	--	--		
0	3-METHOXYFLAVONES	Plant	--	--		
0	4-(4-O-METHYL-ALPHA-D-GLUCURONOSIDE)-L-ARABINOSE	Plant	--	--		
0	4-HYDROXY-PIPECOLIC-ACID	Plant	--	--		
0	5-(BETA-D-XYLOPYRANOSIDE)-L-ARABINOSE	Plant	--	--		
0	7,3',4'-TRIHYDROXY-8-METHOXYFLAVONOL	Plant	--	--		
0	7,3,4-TRIHYDROXY-3,8-DIMETHOXYFLAVONE	Plant	--	--		
0	7,8,14'-TRIHYDROXYFLAVONOL	Plant	--	--		
0	7,8,3',4-TETRAHYDROXY-3-METHOXYFLAVONE	Plant	--	--		
0	7,8,4-TRIHYDROXY-3-METHOXYFLAVONE	Plant	--	--		
0	8-METHOXYFISETIN	Plant	--	--		
0	8-METHOXYFLAVONE-3,4-DIONES	Plant	--	--		
0	ACACATECHIN	Plant	--	--		
6	ACETALDEHYDE	Plant	--	--		
0	ALDOBIURONIC-ACID	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-AMINO-BETA-OXALYLAMINO-PROPIONIC-ACID	Plant	--	--		
0	ALPHA-CATECHIN	Plant	--	--		
0	ASH	Leaf	98000	98000	-0.36738121966036313	
0	BETA-CATECHIN	Plant	--	--		
4	BORON	Plant	--	--		
28	CALCIUM	Leaf	27400	27400	0.6124083425478194	
0	CARBOHYDRATES	Leaf	726000	726000	0.9077936637821632	
1	CATECHINS	Exocarp	25000	330000		
0	CATECHUIC-ACID	Plant	--	--		
0	CATECHUTANNIC-ACID	Gum	--	--		
2	COBALT	Plant	--	--		
0	D-ARABINOSE	Plant	--	--		
0	D-GALACTOSE	Plant	--	--		
0	D-GLUCURONIC-ACID	Plant	--	--		
0	D-XYLOSE	Plant	--	--		
0	DIAMINO-ACID	Plant	--	--		
0	DIHYDROKAEMPFEROL	Plant	--	--		
0	DL-CATECHOL	Plant	--	--		
0	DL-EPICATECHIN	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	EPICATECHOL	Plant	--	--		
0	FAT	Leaf	46000	46000	-0.2084762537181569	
15	FIBER	Leaf	226000	226000	0.7971846346343733	
15	FISETIN	Plant	--	--		
0	FLAVOTANNIN	Plant	--	--		
12	FORMALDEHYDE	Plant	--	--		
62	GALLIC-ACID	Plant	--	--		
2	GALLO-TANNIN	Plant	--	--		
0	GAMMA-CATECHIN	Plant	--	--		
7	GLUCOSE	Plant	--	--		
0	GLUCOSYLURONIC-ACID	Plant	--	--		
0	GUM	Plant	--	--		
0	ISOACACATECHIN	Plant	--	--		
11	ISORHAMNETIN	Plant	--	--		
1	ISOVALERALDEHYDE	Plant	--	--		
75	KAEMPFEROL	Plant	--	--		
0	L-EPICATECHIN	Plant	--	--		
0	L-LEUCOMACLURIC-GLYCOL-ETHER	Plant	--	--		
0	L-RHAMNOSE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
65	MAGNESIUM	Plant	--	--		
0	MALATE-DEHYDROGENASE	Plant	--	--		
14	MANGANESE	Plant	--	--		
0	PEROXIDASE	Plant	--	--		
0	PHLOBATANNIN	Plant	--	--		
0	PHOSPHATASE	Plant	--	--		
4	PHOSPHORUS	Leaf	1700	1700	-0.6019050321936278	
11	PROCYANIDIN	Plant	--	--		
0	PROTEIN	Leaf	130000	130000	-0.816483448379964	
8	QUERCETAGETIN	Plant	--	--		
176	QUERCETIN	Plant	--	--		
44	QUERCITRIN	Plant	--	--		
87	RUTIN	Plant	--	--		
4	SILICON	Plant	--	--		
35	TANNIN	Plant	--	--		
17	TAXIFOLIN	Plant	--	--		
0	URONIC-ACID	Plant	--	--		