

## Biological Activities of Remo Caspi (*Aspidosperma excelsum*)

Plant Part - Origin	Activity Tested For	Type Extract	Test Model	Dosage	Result	Notes/Organism tested	Ref #
Bark - Peru	Anticrustacean Activity	MEOH ext	<i>A. salina</i>	ED50: 764 mcg/ml	Weak Activity	Assay system intended to predict antitumor activity.	K28202
Bark - Peru	Anticrustacean Activity	CH2CL2 ext	<i>A. salina</i>	ED50: 85 mcg/ml	Active	Assay system intended to predict antitumor activity.	K28202
Bark - Peru	DNA Binding Effect	MEOH ext	In vitro	1 mg / ml	Inactive	DNA-Methyl Green Assay	K28202
Bark - Peru	Antioxidant Effect	MEOH ext	In vitro	100 uM	Active	quenching of luminol-enhanced chemiluminescence	AE2005
Bark - Surinam	Antibacterial Activity	ETOH ext	Agar plate	50 mg / ml	Active Active Inactive Inactive	<i>Bacillus subtilis</i> <i>Staphylococcus aureus</i> <i>Pseudomonas aeruginosa</i> <i>Escherichia coli</i>	T07840
Bark - Surinam	Antifungal Activity	ETOH ext	Agar plate	50 mg / ml	Inactive	<i>Candida albicans</i> <i>Aspergillus niger</i>	T07840
Leaf - Surinam	Antibacterial Activity	ETOH ext	Agar plate	50 mg / ml	Inactive	<i>Bacillus subtilis</i> <i>Staphylococcus aureus</i> <i>Pseudomonas aeruginosa</i> <i>Escherichia coli</i>	T07840
Leaf - Surinam	Antifungal Activity	ETOH ext	Agar plate	50 mg / ml	Inactive	<i>Candida albicans</i> <i>Aspergillus niger</i>	T07840
Not stated	Antimalarial Activity	Indole Alkaloids	In vitro	Not stated	Active	<i>Plasmodium falciparum</i>	AE2001 AE2002 AE2003

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