

Table S1. Biological activities of Sardinian endemic species.

Taxon	Biological activities	Extract or bioactive compounds	Experimental method	References
<i>Artemisia caerulescens</i> subsp. <i>densiflora</i>	Antimicrobial	EO of aerial parts	Agar disc diffusion test (<i>Rhodotorula</i> spp., <i>Candida</i> spp, <i>Aspergillus</i> spp., <i>Alternaria</i> spp., <i>Fusarium</i> spp.)	[46]
	Antioxidant	EO of aerial parts	DPPH, inhibition of lipid oxidation and hypochlorous acid tests	[98]
	Cytotoxic	EO of aerial parts	MTT assay (A375, MDA-MB231 and HCT116 human tumor cell lines)	[98]
<i>Astragalus verrucosus</i>	Antimicrobial	astraverrucins II**	Agar disc diffusion test (<i>Staphylococcus aureus</i> , <i>Enterobacter agglomerans</i> , <i>Escherichia coli</i> , <i>Salmonella infantis</i> , <i>Pseudomonas aeruginosa</i> , <i>Aspergillus niger</i> , <i>Botrytis cinerea</i>)	[48]
<i>Bituminaria morisiana</i>	Antioxidant	Erybraedin C, plicatin B	Autoxidation and iron or EDTA-mediated oxidation of linoleic acid, Cholesterol oxidation assays, TBARS method, oxidative damage induced in VERO cells by FeCl ₃	[130]
	Cytotoxic	Pet and EthAc extracts of leaves	MTT assay (VERO cells)	[102]
<i>Euphorbia pithyusa</i> subsp. <i>cupanii</i>	Antioxidant	Seeds fatty acids	DPPH and β -carotene bleaching tests	[131]
<i>Euphorbia semiperfoliata</i>	Antiviral	EthAc extract of whole plant/ jatropane diterpenes** and 4-deoxyphorbol esters**	Virus-cell-based assay in VERO cells (Chikungunya virus strain 899, Sindbis virus strain HRsp, and Semliki Forest virus strain Vietnam); MTT assay in MT-4 cells (HIV-1 strain (IIB) and HIV-2 strain (ROD))	[81,82]
	Antimicrobial	Jatropane esters	Transport assays by monitoring Nile Red accumulation in cells overexpressing Cdr1p (AD-CDR1) or Mdr1p (AD-MDR1) of <i>Candida albicans</i>	[50]
	Anticancer	Three jatropane polyesters	<i>In vitro</i> polymerization assay and electron microscopy; cell viability (Balb/c 3T3 fibroblasts, MCF-7 breast cancer cells and Caco-2 colon carcinoma cells); morphological analysis using the trypan blue exclusion assay and an inverted phase-contrast microscope, fluorescence microscopy, flow cytometry, Western blotting	[104]
	Antioxidant	Seeds fatty acids	DPPH and β -carotene bleaching tests	[131]
<i>Ferula arrigonii</i>	Anticancer	2 α -Hydroxiferutidin, ferutidin, lapiferin, Jaeskeanadiol	Growth-inhibitory experiments (COLO 320HSR, LS-174T, and WiDr human colon cancer cell lines); Clonogenic assay; flow cytometry; Type-II EBS analysis in cell lines	[105]
<i>Genista cadasonensis</i>	Antioxidant	EtOH extract of aerial parts	DPPH, ABTS radical cation decolourisation assays	[132]
<i>Genista ephedroides</i>	Antigenotoxic	Licoflavone C	Micronucleus (MN) assay on stimulated and cytochalasin B-blocked human lymphocytes	[125]
	Estrogenic	Licoflavone C	Yeast reporter gene assay (<i>Saccharomyces cerevisiae</i> RMY326 ER-ERE); yeast based estrogen receptor assay	[164,165]
<i>Genista morisii</i>	Estrogenic	Daidzein, genistein, isopruneitin	Yeast reporter gene assay (<i>Saccharomyces cerevisiae</i> RMY326 ER-ERE)	[164]
	Anti estrogenic	Luteolin	Yeast based estrogen receptor assay	[165]
<i>Glechoma sardoa</i>	Antimicrobial	EO of aerial parts	Agar dilution technique (<i>Staphylococcus aureus</i> ATCC 25923, <i>Staphylococcus epidermidis</i> of clinical isolation, <i>Escherichia coli</i> ATCC 25922, <i>Pseudomonas aeruginosa</i> ATCC 27853)	[51]
<i>Helichrysum italicum</i> subsp. <i>tyrrhenicum</i>	Antimicrobial	EO of aerial parts	Paper test (<i>Botrytis cinerea</i> , <i>Cercospora beticola</i> , <i>Fusarium oxysporum lycopersici</i> , <i>Fusarium graminearum</i> , <i>Helminthosporium oryzae</i> , <i>Pythium ultimum</i> , <i>Pyricularia oryzae</i> , <i>Rhizoctonia solani</i> , <i>Sclerotium rolfsii</i> , <i>Phytophthora capsici</i> and <i>Septoria tritici</i>); fungicide activity (MIC); broth microdilution test (<i>Escherichia coli</i> ATCC 8739, <i>Staphylococcus aureus</i> ATCC 6538, <i>Pseudomonas aeruginosa</i> ATCC 9027, <i>Candida albicans</i> ATCC 10231, <i>Aspergillus brasiliensis (niger)</i> ATCC 16404, <i>Candida</i> spp. clinical strains)	[52,53]

		MeOH extract of aerial parts; OM; arzanol	Broth microdilution test (<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC 29213, <i>Enterococcus faecalis</i> ATCC, 29212, <i>Micrococcus luteus</i> ATCC9622, <i>Proteus mirabilis</i> ATCC 29852, <i>Proteus vulgaris</i> ATCC 6361, <i>Escherichia coli</i> ATCC 4350, <i>Pythium ultimum</i> , <i>Trichophyton mentagrophytes</i> var. <i>mentagrophytes</i>)	[54,57,59]
Cytotoxic		EO; arzanol	MTT assay (MDA-MB 231, HCT-116, A375, Caco-2, HeLa human tumor cell lines and B16F10 mouse melanoma cells); AlamarBlue test (differentiated Caco-2 cells)	[97,101]
Antioxidant		MeOH extract of aerial parts; arzanol and helipyron	DPPH, ABTS, β -carotene bleaching tests; cholesterol oxidation assay; liposomes oxidation assay; Fe-NTA model of <i>in vivo</i> oxidative stress; determination of 5-LO product formation in cell-free systems and in intact cells; LDL oxidation assay; cell lipid peroxidation assay	[54,97,101,133,135]
Antiinflammatory		Act extract of aerial parts; arzanol	Luciferase assay (Jurkat cells); isolation of human peripheral monocytes and determination of IL-6, TNF- α , IL-1- β , and PGE2; determination of 5-LO product formation in cell-free systems and in intact cells; determination of COX-1 activity in platelet homogenates and COX-2 activity in monocyte homogenates; determination of COX-1 product formation in washed platelets; determination of 6-keto PGF1 α formation in intact A549 cells; SDS-PAGE and Western blot; determination of PGE2, 6-keto PGF1 α , and TXB2 formation in human whole blood; preparation of crude mPGES-1 in microsomes of A549 cells and determination of PGE2 synthase activity; carrageenan-induced pleurisy in rats	[83,133]
Antiviral		Act extract of aerial parts; arzanol	Production of VSV-pseudotyped recombinant viruses and infection assays	[83]
MAO inhibitor		quercetin	Forced Swimming Test Procedure (FST)	[182]
Antiviral		betulinic acid, 5,7,3',5'-tetrahydroxyflavanone-7-O-glucoside	RNase H polymerase-independent cleavage assay; DNA polymerase assay; Evaluation of MgCl ₂ chelation	[84]
Antioxidant		EtOH extract of aerial parts	DPPH, ABTS, FRAP-Ferrozine (FZ) assays	[136,137]
Anti-collagenase		EtOH extract of aerial parts	Spectrophotometric collagenase assay	[136]
α -glucosidase inhibitor		HydOH and EtOH extracts of aerial parts	Spectrophotometric α -glucosidase assay	[137]
Cardioprotective		EtOH extract of aerial parts	Recording changes in ECG, heart rate and measuring the levels of cardiac marker enzymes – lactic acid dehydrogenase, creatine phosphokinase, glutamic oxaloacetic transaminase, the antioxidant defence enzymes – reduced glutathione (GSH), superoxide dismutase (SOD) and lipid peroxidative value (LPO) in animal model	[178]
Tyrosinase inhibitor		MW extract of aerial parts	Spectrophotometric tyrosinase inhibitory assay	[159]
Elastase inhibitor		MW extract of aerial parts	Spectrophotometric elastase inhibitory assay	[159]
α -glucosidase inhibitor		HydOH and EtOH extracts of aerial parts	Spectrophotometric α -glucosidase assay	[137]
Antivira		3-geranyl-1-(2'-methylbutanoyl)phloroglucinol, 3-geranyl-1-(2'-methylpropanoyl)phloroglucinol, 3-(13-hydroxygeranyl)-1-(2'-methylbutanoyl)phloroglucinol**, quercitrin	Expression and purification of recombinant HIV-1 RT, IN and LEDGF; RNase H polymerase-independent cleavage assay; RDDP assay; Homogeneous time resolved fluorescence (HTRF) LEDGF dependent assay; phenotypic analyses with fully replicating recombinant HIV-1 strain; time of addition test	[86]
Elastase inhibitor		MW extract of aerial parts	Spectrophotometric elastase inhibitory assay	[159]
Antioxidant		HydOH and EtOH extracts of aerial parts	DPPH, ABTS, FRAP-ferrozine, β -carotene bleaching and deoxyribose assays	[137]
Fibromyalgia		EtOH extract encapsulated in liposomes	<i>In vivo</i> e <i>in vitro</i> experiments (details not available)	[181]

<i>Limonium contortirameum</i>	α -glucosidase inhibitor	H ₂ O extract of aerial parts	<i>In vitro</i> enzymatic starch digestion assay	[174]
	α -amylase inhibitor	H ₂ O extract of aerial parts	<i>In vitro</i> enzymatic starch digestion assay	[174]
	Pancreatic lipase inhibitor	H ₂ O extract of aerial parts	Spectrophotometric quantification of PL activity and assaying PL inhibition	[174]
<i>Limonium morisianum</i>	Antiviral	MeOH extract of aerial parts	Expression and purification of recombinant HIV-1 RT, IN and LEDGF; RNase H polymerase-independent cleavage assay; Homogeneous time resolved fluorescence (HTRF) LEDGF dependent assay	[88]
	Antiviral	Myricetin, (-)-epigallocatechin 3-O-gallate	Fluorescence-based EBOV r-VP35-dsRNA interaction assay; molecular docking	[90]
	Tyrosinase inhibitor	MW extract of aerial parts	Spectrophotometric tyrosinase inhibitory assay	[159]
	Elastase inhibitor	MW extract of aerial parts	Spectrophotometric elastase inhibitory assay	[159]
	Antimicrobial	MW extract of aerial parts	Broth microdilution test (<i>Staphylococcus aureus</i> ATCC 25293, <i>S. epidermidis</i> ATCC 12,228), <i>Escherichia coli</i> (ATCC 25,922) and <i>Klebsiella pneumoniae</i> (ATCC 9591); cell viability assay on African green monkey kidney cells (Vero ATCC CCL-81)	[60]
<i>Mentha requienii</i> subsp. <i>requienii</i>	Antimicrobial	EO of aerial parts	Agar disc diffusion test (<i>Rhodotorula</i> spp., <i>Candida albicans</i> , <i>Aspergillus fumigatus</i> , <i>Fusarium</i> spp., <i>Alternaria</i> spp. and a mixture of moulds)	[47]
<i>Pancreatium illyricum</i>	Anticancer	Ungeremine	Monitoring the relaxing activity of human topoisomerase I (hTopoI) and II α (hTopoII α) enzymes on supercoiled pBR322; alkaloid-DNA complex formation	[61]
	Antimicrobial	Ungeremine	Monitoring the relaxing activity of human topoisomerase I (hTopoI) and II α (hTopoII α) enzymes on supercoiled pBR322; alkaloid-DNA complex formation	[61]
		MeOH extract of bulbs; lycorine	Broth microdilution method (30 clinical <i>Candida albicans</i> strains)	[62]
	Acetylcholinesterase inhibitor	11 α -hydroxy-O-methylleucotamine**	Microplate Acetylcholinesterase (AChE) assay	[185]
	Anti-collagenase	MeOH extract of bulbs	Spectrophotometric collagenase assay	[62]
<i>Plagiuss flosculosus</i>	Antiinflammatory	EthAc extract of aerial parts	Inhibition of induced IL-6 expression; NF- κ B-dependent reporter gene activity screen; LPS-induced expression of IL-1, IL-6, TNF, and PGE2 in primary human monocytes (ELISA); inhibitory effects on TNF α -induced luciferase activity in Jurkat 5.1 cells	[149]
	Cytotoxic	DCM extract of leaves	WST-1-based cell viability assay on CD4+ Jurkat human leukemia T-cells (ATCC TIB-152 and Bcl-2 transfected cells) and HL-60 cells (ATCC CCL-240 cells); determination of apoptosis by FACS (fluorescence-activated cell sorting) experiments with HL-60 cells	[109]
	Antimicrobial	SFC extract and EO of leaves	Kirby-Bauer method of agar diffusion (<i>Staphylococcus aureus</i> ATCC 25923, <i>Escherichia coli</i> ATCC 25922, <i>Enterococcus faecalis</i> CA 3908, <i>Bacillus subtilis</i> , <i>Candida albicans</i> CDC B385 and <i>Mycobacterium smegmatis</i> CIP 103599); broth microdilution in casitone broth method (<i>Botrytis cinerea</i> 644 and <i>Rhizoctonia solani</i>)	[64]
<i>Salvia desoleana</i>	Antimicrobial	EO of leaves	Macrodilution and microdilution methods (<i>Aspergillus niger</i> ATCC 6275, <i>A. ochraceus</i> ATCC 12066, <i>A. versicolor</i> ATCC 11730, <i>A. flavus</i> ATCC 9170, <i>A. terreus</i> ATCC 16792, <i>Alternaria alternata</i> ATCC 13963, <i>Penicillium ochrochloron</i> ATCC 9112, <i>P. fusiculosum</i> ATCC 10509, <i>Cladosporium cladosporioides</i> ATCC 13276, <i>Trichoderma viride</i> IAM 5061, <i>Fusarium tricinctum</i> CBS 514478, <i>Phomopsis helianthi</i> ATCC 201540, <i>Trichophyton entagrophytes</i> , <i>T. rubrum</i> , <i>T. tonsurans</i> , <i>Epidermophyton floccosum</i> , <i>Microsporum canis</i>)	[65]
		EO of leaves	Dilution technique (MIC) on <i>Staphylococcus aureus</i> ATCC 25923, <i>Staphylococcus epidermidis</i> of clinical isolation, <i>Streptococcus salivarius</i> ATCC 13419, <i>Streptococcus sanguis</i> ATCC 10556), <i>Escherichia coli</i> ATCC25922, <i>Pseudomonas aeruginosa</i> ATCC27853, <i>Klebsiella pneumoniae</i> , <i>Citrobacter freundii</i> , <i>Enterobacter cloacae</i> , <i>Serratia marcescens</i> of clinical isolation, <i>Candida albicans</i> ATCC10231	[66]

	Antioxidant	SFC extract of leaves	Measurement of intracellular reactive oxygen species (ROS molecular probe H ₂ DCFDA) on human endothelial cells (HUVECs and ECV304); measurement of cell proliferation (analysis of the cellular DNA content using CyQUANT® NF assay kit)	[138]
	Anti-inflammatory	EO of leaves	Carrageenan induced hind paw oedema test in male albino Wistar rats	[150]
	Analgesic	EO of leaves	Antinociceptive test on Swiss mice (inhibition of writhings induced by formic acid injection)	[150]
	Permeation through buccal mucosa	Linalyl acetate, α -terpinil acetate, 1,8-cineole, α -terpineol, linalool, β -pinene	In vitro diffusion experiments in standard Franz diffusion cells	[184]
	Antiviral	EO of leaves	Plaque reduction assay on Vero cells (inhibition of HSV-1, HSV-2 and RSV); time of addition test; viral plaque assay (virus inactivation assay)	[91]
<i>Santolina corsica</i>	Antinflammatory	EO of leaves	Structural analysis of samples of bronchoalveolar lavage (BAL) with optical microscope (MO); ultra-structural analysis of BAL with an electron microscope (TEM)	[151]
		<i>N</i> -hex extract of aerial parts	Inhibition of NO production in LPS-stimulated RAW 264.7 murine macrophages (Griess reagent)	[110]
	Anticancer	MeOH extract of aerial parts	Cell viability assay by MTT assay (A549, HeLa, PC3, MCF7, MDA-MB-231 and MCF 10 A cell lines)	[110]
	Antioxidant	MeOH extract of aerial parts and <i>N</i> -hex of aerial parts	DPPH, ABTS, β -carotene bleaching, FRAP tests	[110]
	Pro-apoptotic	MeOH extract of aerial parts	Wound-healing scratch assay; migration assay; invasion assay; TUNEL assay; morphological analysis (MDA-MB-231 cells)	[110]
	Antimicrobial	EO of aerial parts	Agar diffusion method (<i>Staphylococcus aureus</i> ATCC 6538P, <i>Escherichia coli</i> ATCC 11775, <i>Pseudomonas aeruginosa</i> CIP A22, <i>Enterobacter aerogenes</i> ATCC 13048, <i>Campylobacter jejuni</i> F38O11, <i>Listeria innocua</i> ATCC 33090); Broth dilution method to evaluate MIC and MBC; time-kill studies; bacteriolysis test	[67–69]
<i>Santolina insularis</i>	Antiviral	EO of aerial parts and liposome-incorporated EO	Plaque reduction assay on Vero cells (HSV-1 and HSV-2); yield reduction assay; inhibition of plaque development assay; attachment, penetration, and post attachment virus neutralization assays	[92,93]
	Antimicrobial	EO of aerial parts	Agar dilution method (<i>Staphylococcus aureus</i> ATCC25923, <i>Escherichia coli</i> ATCC25922, <i>Candida albicans</i> 5M, <i>Candida tropicalis</i> CA44, <i>Cryptococcus neoformans</i> CA1. Broth microdilution methods (MIC and MLC) on <i>Candida albicans</i> ATCC 10231, <i>C. tropicalis</i> ATCC 13803, <i>C. krusei</i> H9, <i>C. guilliermondii</i> MAT23, <i>C. parapsilosis</i> ATCC 90018, <i>Cryptococcus neoformans</i> CECT 1078, <i>Trichophyton mentagrophytes</i> FF7, <i>T. rubrum</i> CECT 2794, <i>T. mentagrophytes</i> var. <i>interdigitale</i> CECT 2958, <i>T. verrucosum</i> CECT 2992, <i>Microsporium canis</i> FF1, <i>M. gypseum</i> CECT 2908, <i>Epidermophyton floccosum</i> FF9, <i>Aspergillus niger</i> ATCC 16404, <i>A. fumigatus</i> ATCC 46645, <i>A. flavus</i> F44; effect on <i>C. albicans</i> germ tube formation. Broth microdilution technique on <i>Propionibacterium acnes</i> ATCC 6919 (in presence of sub-inhibitory concentration of chitosan)	[70,71,73]
		EO-loaded vesicles	Vesicle characterization by cryogenic transmission electron microscopy (cryo-TEM); stability of vesicles study by turbiscan optical analyser (TurbiScanLab®); vesicles structure study by Small/Wide-Angle X-ray Scattering (SAXS and WAXS); <i>ex vivo</i> skin penetration/permeation studies to the skin using pig skin by Franz diffusion cells	[74]
	Cytotoxic	Two germacrane sesquiterpenes	Measurement of mitochondrial respiration (mitochondrial-dependent reduction of MTT to formazan) on Caco-2 (human colon carcinoma) and peritoneal macrophages cells	[116]
	Anti-inflammatory	MeOH extract of leaves and EO of aerial parts	<i>In vivo</i> croton oil-induced dermatitis assay (Male CD-1 mice)	[152]

		EO of aerial parts	NO production assay in mouse leukemic macrophage cell line (RAW 264.7) using the Griess reagent; expression of the pro-inflammatory proteins iNOS and COX-2	[71]
<i>Stachys glutinosa</i>	Antimicrobial	EO of aerial parts	Kirby Bauer method (<i>Aeromonas hydrophyla</i> and <i>A. sobria</i> , <i>Candida albicans</i> , <i>C. glabrata</i> , <i>C. krusei</i> , <i>C. parapsilosis</i> , <i>Enterococcus faecalis</i> (ATCC 24212), <i>Escherichia coli</i> (ATCC 35218), <i>Klebsiella pneumoniae</i> (ATCC 700603), <i>Rodotorula rubra</i> , <i>Staphylococcus aureus</i> ATCC 43300, <i>S. epidermidis</i> , <i>Streptococcus</i> group D), <i>Vibrio alginolyticus</i> and <i>V. cholerae</i>	[75]
	Opioid receptor antagonist	Xanthomicrol	Receptor binding assays [³ H]-DAMGO-[³ H]-DPDPE (Opioid Receptors); Tail-Flick test model of antinociception on male CD1 mice	[186]
	Antioxidant	EtOH extract of aerial parts	ABTS, DPPH, β-carotene/linoleic acid assays; scavenging of hydrogen peroxide, superoxide anion-scavenging (SAS) (O ₂ ⁻) and HOCl scavenging assays	[118]
	Antiproliferative	EtOH extract of aerial parts	MTT assay (HepG2, MCF7 and C2C12 cell lines)	[118]
<i>Tanacetum audibertii</i>	Antimicrobial	EO of aerial parts	Macrodilution broth method (<i>C. krusei</i> H9, <i>C. guillermundii</i> MAT23, <i>C. albicans</i> ATCC 10231, <i>C. tropicalis</i> ATCC 13803, <i>C. parapsilopsis</i> ATCC 90018, <i>Cryptococcus neoformans</i> CECT 1078, <i>Epidermophyton floccosum</i> FF9, <i>Trichophyton mentagrophytes</i> FF7, <i>Microsporum canis</i> FF1, <i>T. mentagrophytes</i> var. <i>interdigitale</i> CECT 2958, <i>T. rubrum</i> CECT 2794, <i>T. verrucosum</i> CECT 2992, and <i>M. gypseum</i> CECT 2908)	[76]
	Anticancer	HydOH extract of aerial parts	MTT assay on Human osteosarcoma cells U2OS and Human umbilical vein endothelial cells (HUVEC); cell cycle analysis by cytofluorimetric analysis; analysis of p53 levels by flow cytometry; caspase activity assay by colorimetric CasPACE assay system	[119]
<i>Thymus herba-barona</i> subsp. <i>herba-barona</i>	Antimicrobial	EO of aerial parts	Macrodilution broth method (<i>Candida krusei</i> H9, <i>C. guillermundii</i> MAT23, <i>C. albicans</i> ATCC 10231, <i>C. tropicalis</i> ATCC 13803, <i>C. parapsilopsis</i> ATCC 90018, <i>Cryptococcus neoformans</i> CECT 1078, <i>Aspergillus flavus</i> F44, <i>A. niger</i> ATCC 16404, <i>A. fumigatus</i> ATCC 46645, <i>Epidermophyton floccosum</i> FF9, <i>Microsporum canis</i> FF1, <i>M. gypseum</i> CECT 2908, <i>Trichophyton mentagrophytes</i> FF7, <i>T. mentagrophytes</i> var. <i>interdigitale</i> CECT 2958, <i>T. rubrum</i> CECT 2794, <i>T. verrucosum</i> CECT 2992). Agar diffusion method (<i>Staphylococcus aureus</i> ATCC 6538P, <i>Escherichia coli</i> ATCC 11775, <i>Pseudomonas aeruginosa</i> CIP A22, <i>Enterobacter aerogenes</i> ATCC 13048 and <i>Campylobacter jejuni</i> F38O11). Determination of MIC and MBC by broth microdilution method (<i>E. coli</i> ATCC 25922, <i>E. coli</i> O157:H7 ATCC 35150, <i>Ps. aeruginosa</i> ATCC 27853, <i>S. aureus</i> ATCC 25923, <i>S. epidermidis</i> ATCC 12228, <i>E. faecalis</i> ATCC 29212, <i>Yersinia enterocolitica</i> ATCC 9610, <i>Candida albicans</i> ATCC 10231, <i>B. cereus</i> ATCC 11778, <i>Listeria monocytogenes</i> ATCC 7644, <i>Salm. typhimurium</i> ATCC 14028 and <i>Sacc. cerevisiae</i> ATCC 9763). Determination of MIC by agar dilution technique (<i>Bacillus</i> spp., <i>Staphylococcus aureus</i> ATCC 25923, ATCC 6538, <i>S. epidermidis</i> of clinical isolates, <i>Streptococcus salivarius</i> ATCC 13419, <i>S. sanguis</i> ATCC 10556, <i>Escherichia coli</i> ATCC 25922, <i>Pseudomonas aeruginosa</i> ATCC 27853, <i>Klebsiella pneumoniae</i> , <i>Citrobacter freundii</i> , <i>Enterobacter cloacae</i> clinical isolates)	[67,77-79]
	Cytotoxic	EO of aerial parts	MTT assay on mouse macrophage cell line, Raw 264.7 (ATCC number: TIB-71)	[77]
<i>Vinca difformis</i> subsp. <i>sardoa</i>	Antioxidant	MeOH extract of leaves	DPPH and ABTS assays	[140]

In the column “Extract or bioactive compound” the type of extract has been abbreviated as follows: Act (acetone); EO (essential oil); DCM (dichloromethane); EtOH (ethanol); EthAc (ethyl acetate); HydOH (hydro alcoholic); H₂O (aqueous); MeOH (methanol); MW (methanol-water); N-hex (n-hexane); OM (oil macerate); Pet (petroleum ether); SFC (super critical fluid extract).

**Compound identified for the first time from Sardinian endemic species