

Table S1. Search Strategies and Keywords According to PRISMA Guidelines.

Topics to be covered	Search engine	Inclusion criteria	Intra-search engine exclusion criteria				Inter-search engine exclusion criteria	Total of articles	
		Booleans	Initial articles	< 5 years	Open access	First 10 pages of results	Title and content	No duplicate articles	Articles cited in this paper
5'-nitroimidazole derivatives with anti- <i>Plasmodium</i> activity	PubMed		366	127	94	94	3		
	Google Scholar	((((Malaria) OR (Plasmodium)) AND (nitroimidazole)) OR (5-nitroimidazole derivatives))	1650	687	518	100	13		
	SciELO		2	3	3	3	1		
	Redalyc	AND (treatments)) OR (host-targeted therapies)	1	0	0	0	0		
5'-nitroimidazole derivatives with anti- <i>Leishmania</i> activity	EBSCO		381105	443	425	100	15		
	PubMed		410	138	92	92	7		
	Google Scholar	((((Leishmaniasis) OR (Leishmania)) AND (nitroimidazole)) OR (5-nitroimidazole derivatives))	1430	625	462	100	26		
	SciELO		2	1	1	1	0		
5-Nitroimidazole Derivatives with anti-<i>Trypanosoma cruzi</i> activity	Redalyc	AND (treatments)) OR (host-targeted therapies)	1	1	1	1	0	128	53
	EBSCO		690	386	382	100	22		
	PubMed	((((Chagas Disease) OR (American Trypanosomiasis)) OR (Trypanosoma cruzi)) AND (nitroimidazole)) OR (5-nitroimidazole derivatives))	1231	345	218	100	22		
	Google Scholar		1100	445	322	100	28		
5-Nitroimidazole Derivatives with anti-<i>Trypanosoma cruzi</i> activity	SciELO		2	0	0	0	0		
	Redalyc	AND (treatments)) OR (host-targeted therapies)	2	0	0	0	0		
5-Nitroimidazole Derivatives with anti-<i>Trypanosoma cruzi</i> activity	EBSCO		768	373	371	100	20		