

Alkaloidprofil von *Mitragyna speciosa* (Der Prozentwert ist der geschätzte Gesamtanteil am Alkaloidextrakt)

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Alkaloid	Prozentanteil	Effekt	Quelle
Mitragynin	66,00%	Analgetisch, antitussiv, durchfallhemmend, adrenerge Wirkung, Antimalariaaktivität	Hooper (1907); Field (1921); Lee et al. (1967); Ponglux et al. (1994)
Paynanthein	9,00%	Relaxierend an der glatten Muskulatur	Ponglux et al. (1994)
Speciogenin	7,00%	Relaxierend an der glatten Muskulatur	Lee et al. (1967); Shellard (1974); Shellard et al. (1978b); Ponglux et al. (1994)
7-Hydroxymitragynin	2,00%	Analgetisch, antitussiv, durchfallhemmend	Ponglux et al. (1994)
Speciociliatin	1,00%	Schwacher Opioidagonist	Lee et al. (1967); Ponglux et al. (1994)
Mitraphyllin	<1%	Gefäßerweiternd, blutdrucksenkend, Relaxierend an der Muskulatur, harntreibend, anti-amnestisch, immunstimulierend, Leukämie vorbeugend	Seaton et al. (1958); Shellard (1974); Shellard et al. (1978b); Ponglux et al. (1994)
Isomitraphyllin	<1%	Immunstimulierend, Leukämie vorbeugend	Seaton et al. (1960); Shellard and Philipson (1966); Ponglux et al. (1994)
Speciophyllin	<1%	Leukämie vorbeugend	Shellard and Philipson (1966); Beckett et al. (1966)
Rhynchophyllin	<1%	Gefäßerweiternd, blutdrucksenkend, Kalzium-Kanal Blocker, gerinnungshemmend, entzündungshemmend, fiebersenkend, Vorbeugend gegen Herz-Rhythmus-Störungen, antihelminthisch	Seaton et al. (1960); Shellard (1974); Shellard et al. (1978b)
Isorhynchophyllin	<1%	Immunstimulierend	Seaton et al. (1958); Seaton et al. (1960); Shellard (1974); Shellard et al. (1978b)
Ajmalicin	<1%	Durchblutungssteigernd im ZNS, aggregationshemmend, antiadrenerge Wirkung, sedativ, antikonvulsiv, relaxierend an der glatten Muskulatur	Becket et al. (1966)
Corynantheidin	<1%	Opioidagonist	Takayama et al. (2002)
Corynoxin A	<1%	Kalzium-Kanal Blocker, verringerter Bewegungsdrang	Shellard et al. (1978a)
Corynoxin B	<1%	Verringerter Bewegungsdrang	Shellard et al. (1978a)
Mitrafolin	<1%		Hemingway et al. (1975); Shellard et al. (1978a)
Isomitrafolin	<1%		Hemingway et al. (1975); Shellard et al. (1978a)
Oxindal A	<1%		Shellard et al. (1978a)
Oxindol B	<1%		Shellard et al. (1978a)
Speciofolin	<1%	Analgetisch, antitussiv	Hemingway et al. (1975)
Isospeciofolin	<1%		Hemingway et al. (1975); Shellard et al. (1978a)
Ciliaphyllin	<1%	Analgetisch, antitussiv	Trager et al. (1968)
Mitraciliatin	<1%		Lee et al. (1967)
Mitragynalin	<1%		Houghton et al. (1991)
Mitragynalinsäure	<1%		Houghton et al. (1991)
Corynantheidalinsäure	<1%		Houghton et al. (1991)

Tabelle nach Hassan et al. (2013)

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