



Health Aesthetic Products Production and Academic Service Center Faculty of Integrative Medicine, Rajamangala University of Technology Thanyaburi No. 2, Phahonyothin 87, Soi.2, Prachathipat, Thanyaburi, Pathum Thani 12130
 Innovative Natural Products From Thai Wisdom Research And Development Unit Faculty of Integrative Medicine, Rajamangala University of Technology Thanyaburi No. 8, Phahonyothin 87, Soi.2, Prachathipat, Thanyaburi, Pathum Thani 12130



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Research Interest

- Pharmacological Studies of Natural Compounds
- Quality Control of Herbal Medicines and Natural Products
- Phytochemical Analysis and Standardization
- Herbal Drug Development and Formulation
- Sustainability in Herbal Product Supply Chains

Kaelomwingwian Remedy

Efficacy

Effect of Kaelomwingwian remedy on hypnotic and sedative activity in animal experimental models

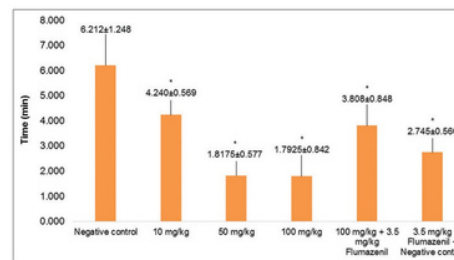


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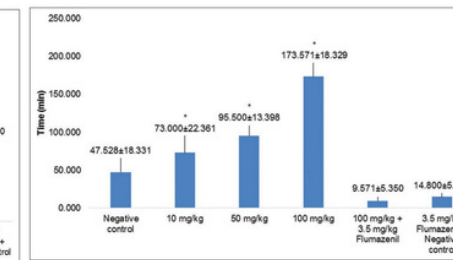


- 10 mg/kg extract
- 50 mg/kg extract
- 100 mg/kg extract

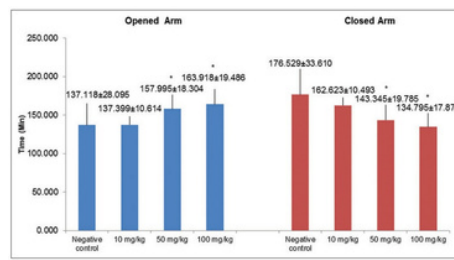
- Thiopental sodium-induced sleeping time test
- Elevated plus-maze test
- Open-field test
- Toxicity testing



Effects of aqueous extract on latent period in thiopental sodium-induced sleeping time test. Data were expressed as mean ± standard deviation. *P < 0.05, compared with negative control, Dunnett's test



Effects of aqueous extract on sleeping time in thiopental sodium-induced sleeping time test. Data were expressed as mean ± standard deviation. *P < 0.05, compared with negative control, Dunnett's test



Effects of aqueous extract on time spent in evaluated plus maze test. Data were expressed as mean ± standard deviation. *P < 0.05, compared with negative control, Dunnett's test

Effects of aqueous extract on mouse behaviors in open-field test

Dosing	Time (n)		Behaviour (n)			
	Line crossings	Centre square entries	Rearing	Grooming	Stretch postures	Defecation and urination
Negative control	208.800 ± 9.731	0.375 ± 0.744	50.625 ± 16.379	2.200 ± 1.095	7.333 ± 5859	0.500 ± 0.756
10 mg/kg	149.600 ± 44.708*	2.000 ± 1.826	39.750 ± 18.821	2.800 ± 0.837	5.333 ± 1.528	0.500 ± 0.837
50 mg/kg	145.000 ± 34.073*	2.000 ± 1.690	39.167 ± 10.572	2.667 ± 1.211	6.000 ± 3.367	-
100 mg/kg	137.200 ± 34.544*	2.000 ± 1.604	43.000 ± 8.438	3.250 ± 0.957	4.000 ± 2.345	-

Data are expressed as mean ± SD. *P < 0.05, compared with vehicle control, Dunnett's test. SD: Standard deviation

Kaelomwingwian Remedy

- ✓ Hypnotic
- ✓ Sedative agent
- ✓ Anti-anxiety

Safety

Haematological and Biochemical Activity of Kaelomwingwian Remedy in Normal Albino rats



- 500 mg/kg body weight
- 1000 mg/kg body weight
- 2000 mg/kg body weight

Haematological analysis
 RBC, HGB, HCT, MCV, WBC, NEU, LYMPH, MONO, EO and BASO

Biochemical analysis
 GLU, BUN, CREA, CHOL and TG

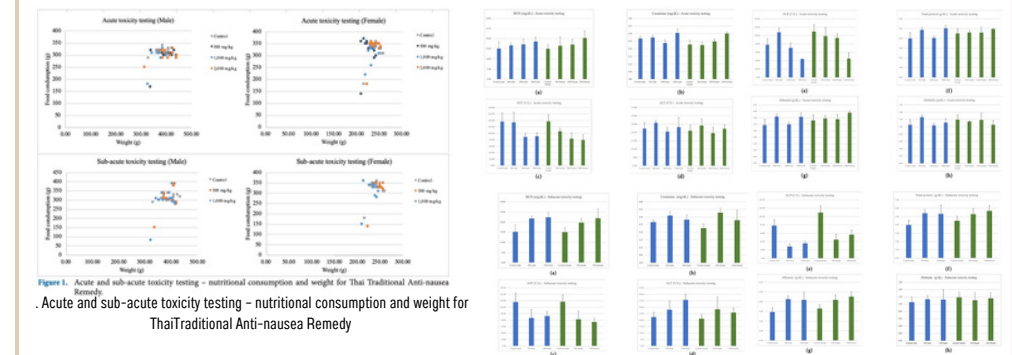
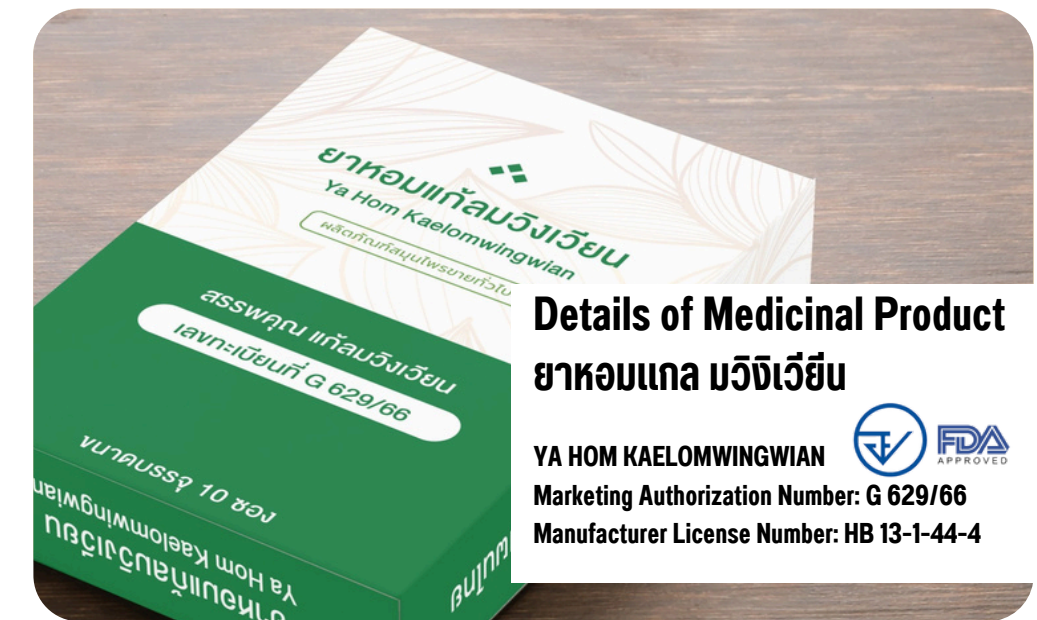


Figure 1. Acute and sub-acute toxicity testing - nutritional consumption and weight for Thai Traditional Anti-nausea Remedy.
 Acute and sub-acute toxicity testing - nutritional consumption and weight for Thai Traditional Anti-nausea Remedy

Kaelomwingwian Remedy

- ✓ Low Toxic on Renal Function
- ✓ Non-Toxic on Blood Chemistry



Details of Medicinal Product
ยาหอมแก้คลื่นไส้
Ya Hom Kaelomwingwian

YA HOM KAELOMWINGWIAN
Marketing Authorization Number: G 629/66
Manufacturer License Number: HB 13-1-44-4

More information:

1) Damjuti, W., Kwansang, J., & Boonruab, J. (2019). Effect of Thai traditional anti-nausea remedy on hypnotic and sedative activity in animal experimental models: Interaction with drugs acting at GABA: A: receptor. Journal of Advanced Pharmaceutical Technology & Research, 10(2), 85-89.
 2) Damjuti, W., Kwansang, J., & Boonruab, J. (2021). Evaluation of haematological and biochemical activity of Thai traditional anti-nausea remedy in normal albino rats. Toxicology International, 411-419.