

# Supplemental Figures

## Molecular Pharmacology

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### **Alkannin attenuates amyloid $\beta$ aggregation and Alzheimer's disease pathology**

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## Supp. Fig. 1

No.2	albiflorin	No.50	ginsenoside-Rc
No.5	alkannin	No.51	ginsenoside-Rd
No.6	amygdalin	No.52	ginsenoside-Re
No.7	arbutin	No.53	ginsenoside-Rg1
No.11	atropine sulfate	No.55	glycyrrhetic acid
No.12	aucubin	No.61	hypaconitine
No.15	barbaloin	No.63	isofraxidine
No.16	benzoylmesaconine hydrochloride	No.65	(Z)- ligustilide
No.20	bufalin	No.68	loganin
No.21	bufotalin	No.69	luteolin
No.24	catalpol	No.76	paeoniflorin
No.25	(E)- chlorogenic acid	No.78	palmitine chloride
No.29	coptisine chloride	No.80	praeruptorin A
No.31	costunolide	No.84	saikosaponin a
No.33	dehydrocorydaline Nitrate	No.85	saikosaponin b2
No.45	geniposide	No.86	saikosaponin c
No.46	geniposidic acid	No.87	saikosaponin d
No.47	gentiopicroside	No.91	shikonin
No.49	ginsenoside-Rb1	No.94	swertiamarin

Sup. Fig. 1 A list of compounds used in the present study. The indicated numbers of the compounds correspond with Fig.1.

Supp. Fig. 2

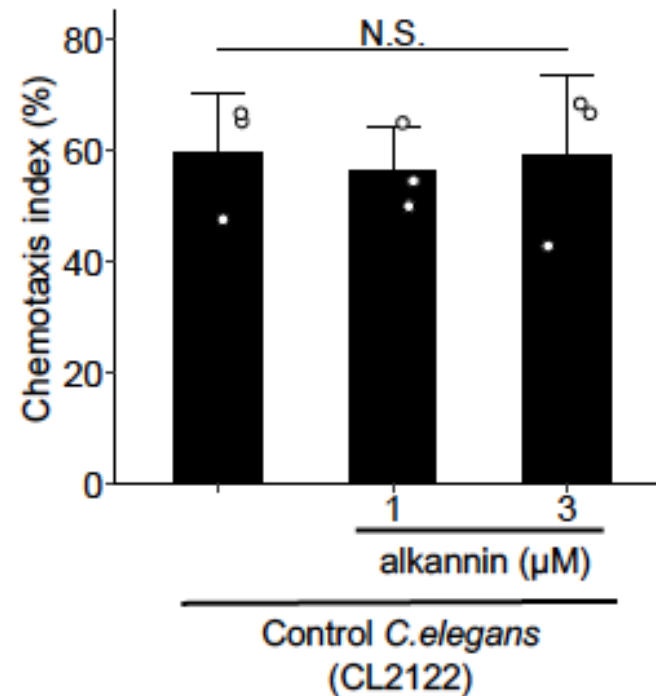


Fig. S2 **Alkannin did not affect chemotaxis index at control wild type *C. elegans* (CL2122).** Control wild type *C. elegans*, CL2122, were incubated at 25°C with or without alkannin and measured chemotaxis index (CI). CL2122 showed no difference of CI regardless of alkannin treatment. n=3.