Supplementary materials

Table S1. Composition of rat diet (Grower Pellet of Chikun Feeds, Kaduna)

Nutrients	Compositions
Metabolizable Energy (ME)	2800 kcal/kg (min)
Crude Protein (CP)	18.00% (min)
Crude Fat	5.00% (max)
Carbohydrate	54.4% (min)
Crude Fibre (CF)	8.00% (max)
Calcium	1.00% (min)
Phosphorus, available	0.40% (min)
Lysine	1.00% (min)
Methionine	0.45% (min)
Methionine + Cystine	0.80% (min)
Threonine	0.60% (min)
Tryptophan	0.20% (min)
Vitamin A	44 IU/g
Vitamin E	80 IU/kg
Vitamin K (menadione)	3.4 mg/kg
Vitamin B_1	92 mg/kg
Vitamin B_2	8.0 mg/kg
Niacin	60 mg/kg
Vitamin B_6	12 mg/kg
Pantothenic acid	24 mg/kg
Biotin	0.28 mg/kg
Folate	4.2 mg/kg
Vitamin D_3	1.5 IU/g
Vitamin B_{12}	0.019 mg/kg

Composition information is on the food bag labels (as at September 26, 2018).

Table S2. Body weight (g) and daily food intake (g) of control and treated albino Wistar rats over the experimental treatment period

Experimental groups	Treatment/Dose (mg/kg bw)	Initial body weight	Final body weight	Body weight change	Food intake
		Period of treatment: 3 days			
Group A	Normal control (rat chow only)	162.55 ± 1.05	163.83 ± 1.33	1.23 ± 0.59	18.78 ± 0.17
Group B_1	Treatment with 250 mg/kg bw per day of DAGP administered orally	158.98± 1.17	160.28 ± 1.06	1.30 ± 0.75	18.94 ± 0.25
Group C_1	Treatment with 500 mg/kg bw per day of DAGP administered orally	161.50± 1.50	163.45 ± 1.35	1.95 ± 0.82^{*a}	19.12 ± 0.13^{*a}
Group D_1	Treatment with 1000 mg/kg bw per day of DAGP administered orally	164.25 ± 2.11	166.29 ± 1.15	2.04± 0.65^{*b}	19.27 ± 0.29^{*b}
		Period of treatment: 7 days			
Group A	Normal control (rat chow only)	161.42 ± 1.31	163.09 ± 1.41	1.67 ± 1.01	18.81 ± 0.17
Group B_2	Treatment with 250 mg/kg bw per day of DAGP administered orally	166.30 ± 2.04	168.11 ± 2.13	1.81 ± 0.85^{*a}	19.30 ± 0.15*
Group C_2	Treatment with 500 mg/kg bw per day of DAGP administered orally	162.08 ± 1.18	164.89 ± 2.03	2.81± 0.74^{*b}	19.32 ± 0.18^{*b}
Group D_3	Treatment with 1000 mg/kg bw per day of DAGP administered orally	165.50 ± 1.21	168.97 ± 1.85	3.47 ± 0.93^{*c}	19.53 ± 0.21^{*c}

Values are expressed as mean ± Standard error of mean (SEM), n – 6; * significantly different from control at $P < 0.05$; Mean values with different alphabet along the same column are significantly different at $P < 0.05$.

Food intake (g) and body weight changes (g) were measured as follows:

Daily food intake = food supplied to each rat – (leftover + spilled food)

Body weight change = final weight – initial weight of each rat