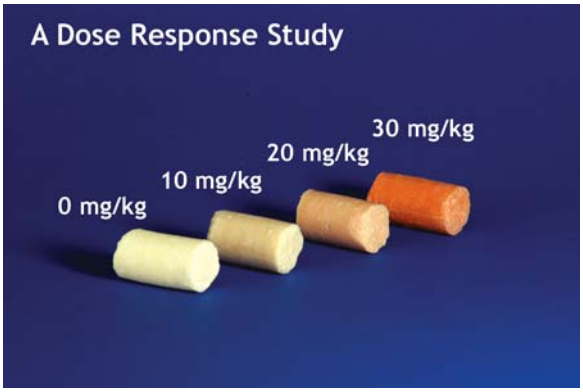
Test Compounds

Simple, Safe Dosing

Research Diets, Inc. will incorporate your compounds into any experimental diet. Feeding test compounds eliminates dosing related stress to the animal, eliminates vehicle effects, and saves time and labor. Consult with one of our scientists on the formula, determine the dosage required and the diet will be produced and shipped in 5 to 7 business days.



Examples of Compounds Added

- Chemotherapeutics
- COX-2 Inhibitors
- Antioxidants
- Nutraceuticals
- Statins
- Insulin sensitizers
- NSAIDS

Please contact our **Resource Center** for consultation with our research nutrition experts. We can help you design the right diet for your lab animal studies.

Repeat Formula and Dose Response

Consistent OpenSource Diet™ formulation provides a clean, repeatable control diet for your research. Precise, graded addition of test compounds to your specified control diet allows evaluation of dose-response effects in your animal model. We can blend your compound homogeneously into any diet, down to ppm and even as low as parts-per-billion.

Kaolin Pellets

Research Diets offers, a non-nutritive kaolin pellet for use in your research. It is a cost effective, easy to use, early indicator of visceral illness in your experimental animals. Early identification of this adverse experience profile of a compound saves money and streamlines the rational drug design process.

RESEARCH DIETS INC.™
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CALCULATOR

How to Calculate the Diet Dose of your Compound

STEP 1: VARIABLES NEEDED

		Variables	Units
Single Daily Dose	**SD =**		mg Cmpd/kg BW/day
Body Weight	**BW =**		gm BW/animal
Daily Food Intake	**FI =**		gm Diet/day
Diet Dose	**DD=**		mg Cmpd/kg Diet

STEP 2: PLUG FIGURES INTO FORMULA

$$DD=(SD \times BW)/FI$$

TYPICAL EXAMPLES

		Mouse	Rat	Units
Single Daily Dose	**SD =**	10	10	mg Cmpd/kg BW/day
Body Weight	**BW =**	35	350	gm BW/animal
Daily Food Intake	**FI =**	3.5	25	gm Diet/day
	Diet Dose DD=	**100**	**140**	mg Cmpd/kg Diet