

UCSD IACUC Best Practices for Reconstituting Non-Pharmaceutical Grade Compounds

In compliance with USDA and NIH regulations, non-pharmaceutical grade drugs are to be used in live animals only when there is no pharmaceutical grade alternative available. If there is a scientific need to use non-pharmaceutical grade compounds, the following guidelines should be followed:

1. Compounds must be sterilized prior to administration. The reconstituted compound may be sterilized by passing through a 0.2 μm filter. Diluents and solvents used for reconstitution should be pharmaceutical grade if possible.
2. Reconstituted compounds must be labeled identifying the compound, the date of preparation and the expiration date.
3. Reconstituted compounds should be discarded before degradation occurs. If degradation period is unknown, prepare compound fresh for each use.
4. Follow all manufacturer guidelines.