

Tricaine

(From the Zebrafish Book)

Tricaine (3-amino benzoic acid ethyl ester also called ethyl m-aminobenzoate) comes in a powdered form from Sigma (Cat.# A-5040). It is also available as Finquel (Part No. C-FINQ-UE) from Argent Chemical Laboratories, Inc. Make tricaine solution for anesthetizing fish by combining the following in a glass bottle with a screw cap:

400 mg tricaine powder
97.9 ml DD water
2.1 ml 1 M Tris (pH 9).

Adjust pH to ~7. Store this solution in the freezer. (Buy the smallest amount possible because tricaine gets old.) To use tricaine as an anesthetic combine 4 ml into 100 ml of system water.