

Tricaine & PTU

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Tricaine stock solution (50 x)

MS222 or MESAB
Ethyl 3-aminobenzoate methanesulfonate salt
#A5040 (Sigma-Aldrich)

Tricaine	400 mg
Tris (1M, pH 9)	2.1 ml
dd H ₂ O	47.9 ml

→ 8 g/L
→ Adjust pH to 7

Store at -20 °C.

Alternative recipe (40 - 50 x)

Dissolve 0.4 g Tricaine and 2 g Na₂HPO₄·12H₂O in 50 ml water.
pH should be 7 to 7.5.
Store at 4 °C.

PTU stock solution (50 x)

1-phenyl-2-thiourea
P7629 (Sigma-Aldrich)

Dissolve 150 mg PTU in 100 ml water with a stirrer
→ 0.15 %

It may take several hours to dissolve.

Store at 4 °C.

Use gloves, since PTU is toxic.