

Stock Solution



TD-S Revision 2.0

Creation Date: 8/1/2014
Revision Date: 10/22/2019

3-Lodo-L-Tyrosine (IY) 20mM Stock Solution

Instructions

1. In 10 ml of a 0.1% acetic acid solution dissolve 61.4 mg of IY ([GoldBio Catalog # I-540](#), [CAS 70-78-0, mw. = 307.09 g/mol]). The solution can be gently agitated or the solution can be placed on a rotator at room temperature for 2-3 hours.*
2. Sterilize by filtration through a 0.22 μm filter.
3. Store at 4 °C for up to 2 weeks.

Note: Do not use HCl to dissolve IY because strong acids can degrade the molecule.

Note: Do not autoclave solution for dissolution or to sterilization. It is important to add IY to a presterilized medium.

Instructions

Hino et al. Nature Protocols. 2007. 1 (6), 2957-2962.