

Template
“Insert Your Institution Information Here”

**Compounding Record for the [¹⁸F]DCFBC Synthesis,
 Preparation of 1.0 M TBAH solution in water TBAH-L-_____**

Raw Material Bill of Materials and Calculations Record

Component Name	Internal Tracking Number (ITN)	Desired Concentration (Normality)	Target Volume (mL)	Calculated Amount (mL)
1.5 M TBAH (Reagent grade)	SS-TBAH-_____	1.0 M	9	6
Water (HPLC grade)	SS-HGW-_____			3

Applicable Operating Procedures and References:

1. [¹⁸F]DCFBC Injection Master Batch Record

Materials and Equipment:

1. Syringe, 10 mL (to deliver)
2. HPLC grade water
3. Labels
4. Final Container(s) for Storage with appropriate Lid (small 20 mL glass vial with screw cap)

Guidelines:

- Use clean dry graduated cylinders.

STEPS

1. Add 3mL of HPLC grade into the final storage container.
2. Add 6 mL of reagent grade (1.5 M) Tetrabutyl ammonium to the water in step 1.
3. Cap the final storage container and mix the contents thoroughly. Label the container with the contents, date made and the initial of the person who made the solution. Label with an expiration of 1 month.

Performed By/Date: _____ **Checked By/Date:** _____

QA Review: _____ **Date:** _____

Compounding Record for Preparation of [¹⁸F]DCFBC

Version: V1

Effective Date: 12/11/2013 .

TBAH-L

Supersedes:

Author: _____ **Date:** _____ .

Regulatory Approval: _____ **Date:** _____ .

Confidential

Page 1 of 1

“Insert Your Institution Information Here”