

4-Bromobenzoic acid-D4

Chemical Properties

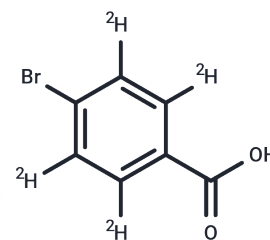
CAS No. :

Formula: C7H1D4BrO2

Molecular Weight: 205.04

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

4-Bromobenzoic acid-D4 is a deuterated compound of 4-Bromobenzoic acid. 4-Bromobenzoic acid (TYD-00825) has a CAS number of 586-76-5.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8771 mL	24.3855 mL	48.771 mL
5 mM	0.9754 mL	4.8771 mL	9.7542 mL
10 mM	0.4877 mL	2.4385 mL	4.8771 mL
50 mM	0.0975 mL	0.4877 mL	0.9754 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ahluwalia J, et, al. Phosphodiesterase 4 Inhibitor Therapies for Atopic Dermatitis: Progress and Outlook. *Drugs*. 2017 Sep;77(13):1389-1397.

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