

Benzbromarone-D5

Chemical Properties

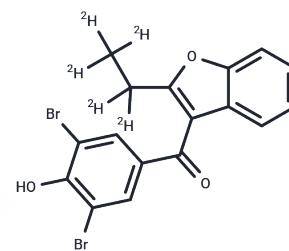
CAS No. :

Formula: C₁₇H₇D₅Br₂O₃

Molecular Weight: 429.11

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

Benzbromarone-D5 is a deuterated compound of Benzbromarone. Benzbromarone (T1274) has a CAS number of 3562-84-3. Benzbromarone (T1274) is a CYP2C9 inhibitor with K_i value of 19.3 nM.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3304 mL	11.652 mL	23.304 mL
5 mM	0.4661 mL	2.3304 mL	4.6608 mL
10 mM	0.233 mL	1.1652 mL	2.3304 mL
50 mM	0.0466 mL	0.233 mL	0.4661 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

1. Locuson CW 2nd, et al. Drug Metab Dispos, 2003, 31(7), 967-971.

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