

Butylphthalide-D7

Chemical Properties

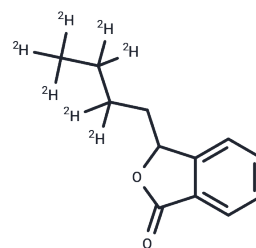
CAS No. :

Formula: C₁₂H₇D₇O₂

Molecular Weight: 197.28

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

Butylphthalide-D7 is a deuterated compound of Butylphthalide. Butylphthalide (T450647) has a CAS number of 6066-49-5. Butylphthalide (T450647) is an anti-cerebral-ischemia drug; first isolated from the seeds of *Apium graveolens* Linn.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0689 mL	25.3447 mL	50.6894 mL
5 mM	1.0138 mL	5.0689 mL	10.1379 mL
10 mM	0.5069 mL	2.5345 mL	5.0689 mL
50 mM	0.1014 mL	0.5069 mL	1.0138 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

- Zhao W, et al. 3-N-butylphthalide improves neuronal morphology after chronic cerebral ischemia. *Neural Regen Res.* 2014 Apr 1;9(7):719-26.

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