

Aprocitentan-D4

Chemical Properties

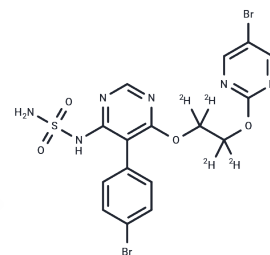
CAS No. :

Formula: C16H10D4Br2N6O4S

Molecular Weight: 550.22

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	Aprocitentan-D4 is a deuterium-labeled Aprocitentan. Aprocitentan (T7817) is a major and pharmacologically active metabolite of Macitentan. Aprocitentan (T7817) is a dual ETA/ETB antagonist (IC50s: 3.4 nM and 987 nM; pA2s: 6.7 and 5.5).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8175 mL	9.0873 mL	18.1745 mL
5 mM	0.3635 mL	1.8175 mL	3.6349 mL
10 mM	0.1817 mL	0.9087 mL	1.8175 mL
50 mM	0.0363 mL	0.1817 mL	0.3635 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

Iglarz M, et al. Pharmacology of macitentan, an orally active tissue-targeting dual endothelin receptor antagonist. J Pharmacol Exp Ther. 2008 Dec;327(3):736-45.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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