

Aprocitentan-D4

Chemical Properties

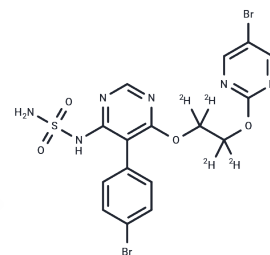
CAS No. :

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

| | |
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| 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 (IC ₅₀ s: 3.4 nM and 987 nM; pA ₂ s: 6.7 and 5.5). |
|-------------|--|

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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