

## N-Despropyl Macitentan-D4

## Chemical Properties

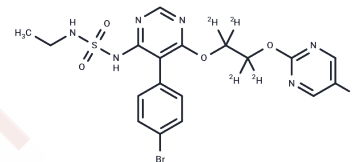
CAS No. :

Formula: C<sub>18</sub>H<sub>14</sub>D<sub>4</sub>Br<sub>2</sub>N<sub>6</sub>O<sub>4</sub>S

Molecular Weight: 578.27

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

N-Despropyl Macitentan-D4 is a deuterated compound of N-Despropyl Macitentan. N-Despropyl Macitentan (T7817) has a CAS number of 1103522-45-7. Aprocitentan is ETA and ETB antagonist.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7293 mL	8.6465 mL	17.293 mL
5 mM	0.3459 mL	1.7293 mL	3.4586 mL
10 mM	0.1729 mL	0.8646 mL	1.7293 mL
50 mM	0.0346 mL	0.1729 mL	0.3459 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

Trensz F , Bortolamiol C , Kramberg M , et al. PHARMACOLOGICAL CHARACTERIZATION OF APROCITENTAN, A DUAL ENDOTHELIN RECEPTOR ANTAGONIST, ALONE AND IN COMBINATION WITH BLOCKERS OF THE RENIN ANGIOTENSIN SYSTEM, IN TWO MODELS OF EXPERIMENTAL HYPERTENSION[J]. Journal of Pharmacology & Experimental Therapeutics, 2019.

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