

## Moclobemide-D4

## Chemical Properties

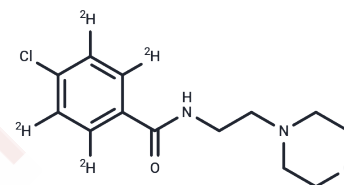
CAS No. :

Formula: C<sub>13</sub>H<sub>13</sub>D<sub>4</sub>ClN<sub>2</sub>O<sub>2</sub>

Molecular Weight: 272.76

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

Moclobemide-D4 is a deuterated compound of Moclobemide. Moclobemide (T0084) has a CAS number of 71320-77-9. Moclobemide (T0084) is a reversible inhibitor of monoamine oxidase type A; (RIMA); (see MONOAMINE OXIDASE INHIBITORS) that has antidepressive properties.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6662 mL	18.3311 mL	36.6623 mL
5 mM	0.7332 mL	3.6662 mL	7.3325 mL
10 mM	0.3666 mL	1.8331 mL	3.6662 mL
50 mM	0.0733 mL	0.3666 mL	0.7332 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. Da Prada M, et al. J Pharmacol Exp Ther, 1989, 248(1), 400-414.

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