

## Cimbuterol-D9

### Chemical Properties

CAS No. : 1246819-04-4

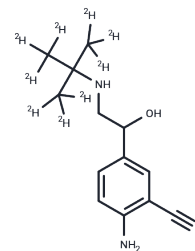
Formula: C<sub>13</sub>H<sub>10</sub>D<sub>9</sub>N<sub>3</sub>O

Molecular Weight: 242.37

Storage: Keep away from direct sunlight, Keep away from moisture

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	Cimbuterol-D9 is deuterium-labeled Cimbuterol (TMSM-0752), a 12 β (2)-adrenergic agonist.
Targets(IC50)	Adrenergic Receptor

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1259 mL	20.6296 mL	41.2592 mL
5 mM	0.8252 mL	4.1259 mL	8.2518 mL
10 mM	0.4126 mL	2.063 mL	4.1259 mL
50 mM	0.0825 mL	0.4126 mL	0.8252 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

Mastrianni KR, et al. Analysis of 10 β-agonists in pork meat using automated dispersive pipette extraction and LC-MS/MS. J Chromatogr B Analyt Technol Biomed Life Sci. 2018 May 1;1084:64-68.

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