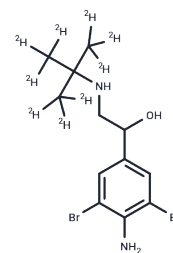


## Brombuterol-D9

## Chemical Properties

CAS No. :	1353940-55-2
Formula:	C <sub>12</sub> H <sub>9</sub> D <sub>9</sub> Br <sub>2</sub> N <sub>2</sub> O
Molecular Weight:	375.15
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	Brombuterol-D9 is a deuterated compound of Brombuterol (TMSM-4227).
Targets(IC50)	Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6656 mL	13.328 mL	26.656 mL
5 mM	0.5331 mL	2.6656 mL	5.3312 mL
10 mM	0.2666 mL	1.3328 mL	2.6656 mL
50 mM	0.0533 mL	0.2666 mL	0.5331 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

Adams KN, et al. Verapamil, and its metabolite norverapamil, inhibit macrophage-induced, bacterial efflux pump-mediated tolerance to multiple anti-tubercular drugs. J Infect Dis. 2014 Aug 1;210(3):456-66.

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