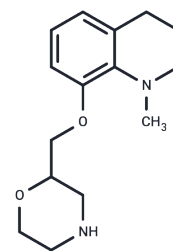


## Dabelotine

## Chemical Properties

CAS No. :	118976-38-8
Formula:	C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	262.35
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Dabelotine (UNII-6RY56RB98P) is an adrenergic agonist used in the study of dementia.
Targets(IC50)	Adrenergic Receptor

## Solubility Information

Solubility	DMSO: 27.5 mg/mL (104.82 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8117 mL	19.0585 mL	38.117 mL
5 mM	0.7623 mL	3.8117 mL	7.6234 mL
10 mM	0.3812 mL	1.9059 mL	3.8117 mL
50 mM	0.0762 mL	0.3812 mL	0.7623 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

Wang H, et al. Method of making 1-(acyloxy)-alkyl carbamate prodrugs of amine containing drugs.  
US20140243544 A1 .

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