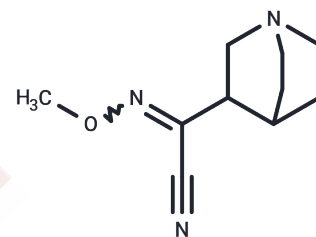


## (Rac)-Sabcomeline

## Chemical Properties

CAS No. :	149156-36-5
Formula:	C10H15N3O
Molecular Weight:	193.25
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	(Rac)-Sabcomeline ((Rac)-SB-202026) is an M1/M4 muscarinic agonist used in the study of neurologic disorders such as schizophrenia.
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1746 mL	25.8732 mL	51.7464 mL
5 mM	1.0349 mL	5.1746 mL	10.3493 mL
10 mM	0.5175 mL	2.5873 mL	5.1746 mL
50 mM	0.1035 mL	0.5175 mL	1.0349 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

Hosoi R, et al. Effect of sabcomeline on muscarinic and dopamine receptor binding in intact mouse brain. *Ann Nucl Med.* 2003;17(2):123-130.

Hatcher JP, et al. Sabcomeline (SB-202026), a functionally selective M1 receptor partial agonist, reverses delay-induced deficits in the T-maze. *Psychopharmacology (Berl).* 1998;138(3-4):275-282.

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