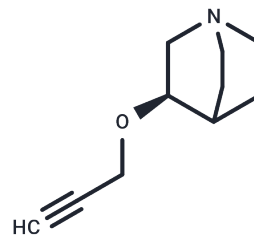


## Talsaclidine

## Chemical Properties

CAS No. :	147025-53-4
Formula:	C <sub>10</sub> H <sub>15</sub> NO
Molecular Weight:	165.23
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Talsaclidine is an agonist of muscarinic with preferential neuron-stimulating properties. Talsaclidine is a full agonist at the M1 subtype, and as a partial agonist at the M2 and M3 subtypes.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0522 mL	30.2608 mL	60.5217 mL
5 mM	1.2104 mL	6.0522 mL	12.1043 mL
10 mM	0.6052 mL	3.0261 mL	6.0522 mL
50 mM	0.121 mL	0.6052 mL	1.2104 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.

## Reference

- Ensinger HA, et al. WAL 2014--a muscarinic agonist with preferential neuron-stimulating properties. Life Sci. 1993; 52(5-6):473-80.
- Wienrich M, et al. Pharmacodynamic profile of the M1 agonist talsaclidine in animals and man. Life Sci. 2001 Apr 27;68(22-23):2593-600.
- Walland A, et al. In vivo consequences of M1-receptor activation by talsaclidine. Life Sci. 1997;60(13-14):977-84.
- Walland A, et al. Compensation of muscarinic bronchial effects of talsaclidine by concomitant sympathetic activation in guinea pigs. Eur J Pharmacol. 1997 Jul 9;330(2-3):213-9.

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