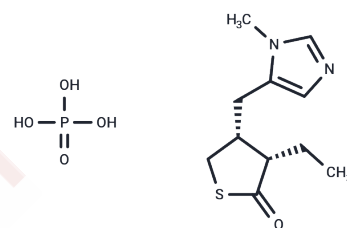


## ENS-163 phosphate

## Chemical Properties

CAS No. : 117707-51-4  
 Formula: C<sub>11</sub>H<sub>19</sub>N<sub>2</sub>O<sub>5</sub>PS  
 Molecular Weight: 322.32  
 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	Ens-163 phosphate is a muscarinic M1 receptor agonist. It is selective.
Targets(IC50)	Others,AChR
In vivo	ENS-163, a selective muscarinic M1 agonist, enhances long-term potentiation (LTP) in rat hippocampal slices. This compound has been studied specifically for its effects on LTP in a rat hippocampal slice preparation.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1025 mL	15.5125 mL	31.0251 mL
5 mM	0.6205 mL	3.1025 mL	6.205 mL
10 mM	0.3103 mL	1.5513 mL	3.1025 mL
50 mM	0.0621 mL	0.3103 mL	0.6205 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

Boddeke EW, et al. SDZ ENS 163, a selective muscarinic M1 receptor agonist, facilitates the induction of long-term potentiation in rat hippocampal slices. Eur J Pharmacol. 1992 Nov 3;222(1):21-5.

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