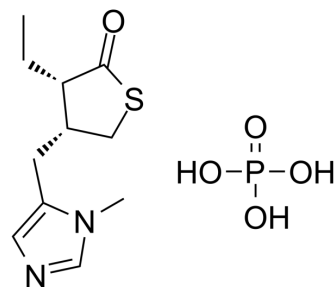


## ENS-163 phosphate

Cat. No.:	HY-U00038
CAS No.:	117707-51-4
Molecular Formula:	C <sub>11</sub> H <sub>19</sub> N <sub>2</sub> O <sub>5</sub> PS
Molecular Weight:	322.32
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	ENS-163 phosphate is a selective muscarinic M1 receptor agonist.
IC <sub>50</sub> & Target	muscarinic M1 receptor <sup>[1]</sup>
In Vivo	ENS-163 is a selective muscarinic M1 agonist, on long-term potentiation (LTP) is studied in a rat hippocampal slice preparation. ENS-163 facilitates the induction of long-term potentiation in rat hippocampal slices <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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