
Product Data Sheet

Product Name: ENS-163 phosphate (ENS 213-163)

Cat. No.: GC31017

Chemical Properties

Cas. No. 117707-51-4

SMILES O=C1[C@@H](CC)[C@@H](CC2=CN=CN2C)CS1.O=P(O)(O)OFormula $C_{11}H_{19}N_2O_5PS$ M.Wt 322.32

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

ENS-163 phosphate is a selective muscarinic M1 receptor agonist.

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[1].

[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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