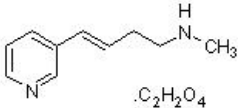


Product datasheet

TC-2403 oxalate, $\alpha4\beta2$ nAChR selective agonist
 ab120557

1 References

Overview

Product name	TC-2403 oxalate, $\alpha4\beta2$ nAChR selective agonist
Description	Potent $\alpha4\beta2$ nAChR selective agonist
Biological description	High affinity $\alpha4\beta2$ nAChR selective agonist ($K_i = 26$ nM). Selective for CNS nAChR over muscle, ganglionic or enteric ACh receptors ($EC_{50} = 732$ nM in rat thalamic synaptosomes).
Purity	> 99%
CAS Number	252870-46-5
Chemical structure	

Properties

Chemical name	(<i>E</i>)- <i>N</i> -Methyl-4-(3-pyridinyl)-3-buten-1-amine oxalate
Molecular weight	252.27
Molecular formula	$C_{10}H_{14}N_2 \cdot C_2H_2O_4$
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

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