
Product Data Sheet

Product Name: RJR-2403 hemioxalate

Cat. No.: GC10575

Chemical Properties

Cas. No.

Chemical Name (E)-N-methyl-4-(pyridin-3-yl)but-3-en-1-amine hemioxalate

SMILES CNCC/C([H])=C([H])/C1=CN=CC=C1.CNCC/C([H])=C([H])/C2=CN=CC=C2.OC(C(O)=O)=O

Formula $C_{22}H_{30}N_4O_4$ M.Wt 414.5

Solubility Soluble in DMSO Storage Store at -20°C

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

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

Structure

Background

RJR-2403 hemioxalate (Metanicotine; Rivanicline) is a neuronal nicotinic receptor agonist, showing high selectivity for the $\alpha 4\beta 2$ subtype ($K_i=26$ nM); > 1,000 fold selectivity than $\alpha 7$ receptors ($K_i=36000$ nM).

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

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