
Product Data Sheet

Product Name: JNJ 39758979 dihydrochloride

Cat. No.: GC50405

Chemical Properties

Cas. No.

SMILES CC(C1=CC(N2CC[C@H](C2)N)=NC(N)=N1)C.Cl.ClFormula $C_{11}H_{19}N_5 \cdot 2HCl$

M.Wt

294.22

Solubility Soluble in DMSO

Storage

Store at RT

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**

High affinity and selective histamine H4 antagonist ($K_i = 12.5$ nM). Exhibits >80-fold selectivity for H4 over other histamine receptors and no significant activity at a range of other targets. Inhibits histamine-induced eosinophil shape change in whole blood in vitro and ovalbumin-induced inflammation in ovalbumin-sensitized mice in vivo. Orally bioavailable.

Thurmond et al (2014) Clinical and preclinical characterization of the histamine H4 receptor antagonist JNJ-39758979. J.Pharmacol.Exp.Ther. 349 176 PMID:24549371

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

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