
Product Data Sheet

Product Name: Rocastine (AHR-11325)

Cat. No.: GC30455

Chemical Properties

Cas. No. 91833-49-7

SMILES S=C1N(C)CC(CCN(C)C)OC2=NC=CC=C12Formula $C_{13}H_{19}N_3OS$ M.Wt 265.37

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**

Rocastine is a selective, nonsedating H1 antagonist, acting as an antihistamine.

Rocastine is effective with a 15 min pretreatment time (PD50 = 0.13 mg/kg) as it is with a 1 hr pretreatment time (PD50 = 0.12 mg/kg). Rocastine protects guinea pigs from collapse induced by aerosolized antigen; rocastine is approximately 36x more potent than diphenhydramine and as potent as oxatomide and terfenadine. Rocastine does not alter the EEG of cats at doses in vast excess (150x) of its antihistaminic dose nor does it potentiate yohimbine toxicity in mice[1].

[1]. Nolan JC, et al. Rocastine (AHR-11325), a rapid acting, nonsedating antihistamine. Agents Actions. 1989 Aug;28(1-2):53-61.

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

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