
Product Data Sheet

Product Name: AMXI-5001 hydrochloride

Cat. No.: GC67900

Chemical Properties

Cas. No.

Formula $C_{25}H_{21}ClFN_5O_3$ M.Wt 493.92

Solubility Storage 4°C, away from moisture

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

AMXI-5001 hydrochloride is a potent, orally active, and dual **parp1/2** and microtubule polymerization inhibitor. MXI-5001 hydrochloride exhibits selective antitumor cytotoxicity across a wide variety of human cancer cells with much lower **IC₅₀s** than existing clinical PARP1/2 inhibitors. AMXI-5001 hydrochloride induces complete regression of established tumors, including exceedingly large tumors^[1].

[1]. Lemjabbar-Alaoui H, et al. AMXI-5001, a novel dual parp1/2 and microtubule polymerization inhibitor for the treatment of human cancers. Am J Cancer Res. 2020;10(8):2649-2676.

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

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