

MW-150 hydrochloride Biochemical | MW-150 biochemical

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CATALOG #
AAA227986

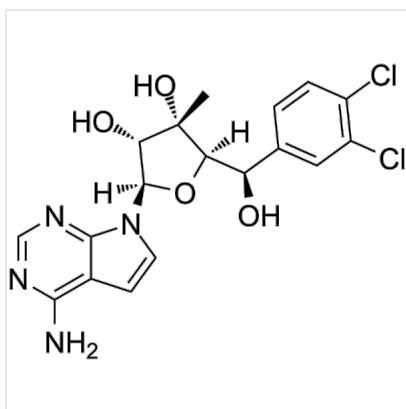
PRODUCT SYNONYMS

MW-150 hydrochloride; MW-150 biochemical

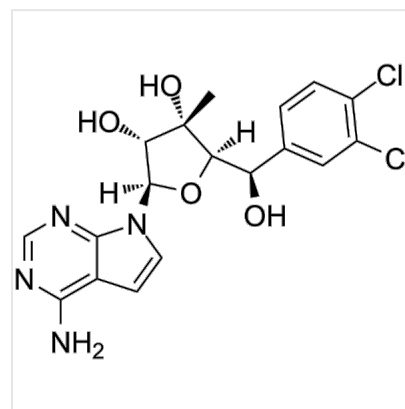
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1923773-01-6
Targets&IC50	p38alpha:101 nM (Ki)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	MW-150 hydrochloride (MW01-18-150SRM hydrochloride)(2.5 mg/kg; oral daily for 3-4 months) improves the APP/PS1 transgenic (Tg) mice performance in radial arm water maze (RAWM) and contextual fear conditioning tests[1]. MW-150 hydrochloride (MW01-18-150SRM hydrochloride)(2.5 mg/kg; given i.p.; daily for 14 days) treatment in APP NLh/NLh × PS P264L/P264L knock-in mouse (with no overexpression of the amyloid precursor protein) exhibits RAWM behavior indistinguishable from WT mice[1]. Animal Model: APP/PS1 transgenic (Tg) mouse (overexpresses amyloid-beta)[1]. Dosage: 2.5 mg/kg. Administration: Oral daily; 3-4 months (until cognitive impairment is present). Result: Improved the Tg mice performance in both cognitive tests.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
PRMT5-IN-14, CAS 2278356-90-2



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ADDITIONAL INFORMATION

Related Product Information for MW-150 biochemical	MW-150 hydrochloride (MW01-18-150SRM hydrochloride) is a selective, CNS penetrant, and orally active inhibitor of p38alpha MAPK with a K _i of 101 nM. MW-150 hydrochloride (MW01-18-150SRM hydrochloride) inhibits the ability of the endogenous p38alpha MAPK to phosphorylate an endogenous substrate MK2 in activated glia.
References	1. Machacek M, et al. Prmt5 inhibitors. WO2020033285A1.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/mw-150-hydrochloride/227986>