

NVP-DPP728 dihydrochloride Biochemical

NVP-DPP728 dihydrochloride

CATALOG #
AAA228075

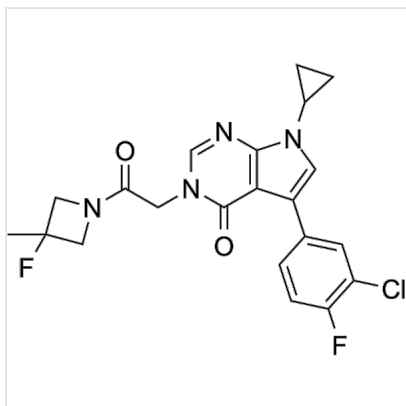
PRODUCT SYNONYMS

NVP-DPP728 dihydrochloride; NVP-DPP728 dihydrochloride biochemical

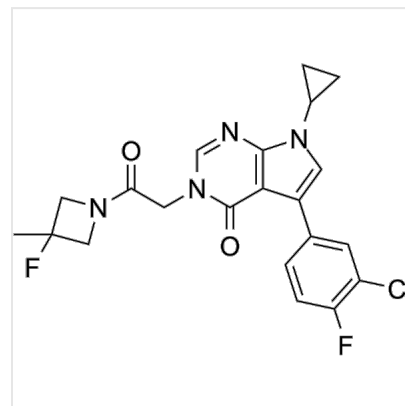
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	207556-62-5
Targets&IC50	DPP-IV:11 nM (Ki)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	NVP-DPP728 (3.72 mg/kg; p.o.) inhibits DPP-IV and improves insulin secretion and glucose tolerance, probably through augmentation of the effects of endogenous GLP-1[2]. Animal Model: Obese (fa/fa) and lean (FA/+) Zucker rats[2]. Dosage: 3.72 mg/kg. Administration: Oral administration. Result: Led to inhibition of plasma DPP-IV activity.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Plazinemdor, CAS 2378285-59-5



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ADDITIONAL INFORMATION

Related Product Information for NVP-DPP728 dihydrochloride biochemical	NVP-DPP728 dihydrochloride is a potent, selective and orally active dipeptidyl peptidase IV (DPP-IV) inhibitor with a K _i of 11 nM. NVP-DPP728 dihydrochloride can be used for the research of diabetes mellitus.
References	1. Anderson, David R, et, al. Preparation of heteroaromatic NMDA receptor modulator and uses thereof.US20200039987A.

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.

