

HM03 trihydrochloride Biochemical | HM03 biochemical

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CATALOG #
AAA227448

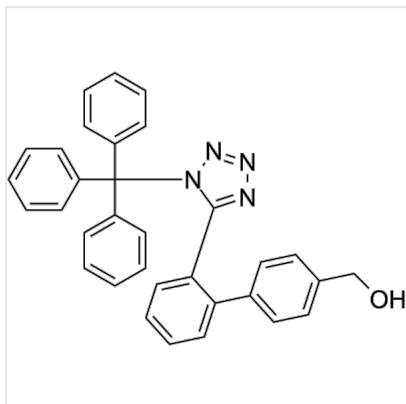
PRODUCT SYNONYMS

HM03 trihydrochloride; HM03 biochemical

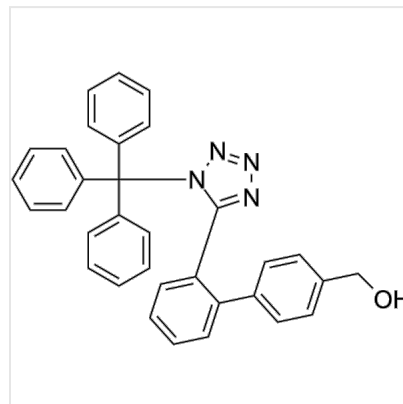
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1082532-95-3
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	HM03 trihydrochloride (0.1-50 uM; 72 hours) exhibits over 50% inhibition at 25 uM concentration in HCT116 cells[1]. HM03 trihydrochloride forms more binding interactions with HSPA5 and HSPA9 than with the other HSP70 proteins[1]. HM03 trihydrochloride exhibits promising inhibition activities from cancer cell viability and tumor inhibition assays[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Olmesartan impurity, CAS 154709-18-9



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ADDITIONAL INFORMATION

Related Product Information for HM03 biochemical	HM03 trihydrochloride is a potent and selective HSPA5 (Heat shock 70kDa protein 5, also known as Bip, Grp78) inhibitor. HM03 trihydrochloride has anticancer activity.
References	- Yanagihara H, et al. Effects of telmisartan and olmesartan on insulin sensitivity and renal function in spontaneously hypertensive rats fed a high fat diet. J Pharmacol Sci. 2016 Jul;131(3):190-7. - Tanno T, et al. Olmesartan Inhibits Cardiac Hypertrophy in Mice Overexpressing Renin Independently of Blood Pressure: Its Beneficial Effects on ACE2/Ang(1-7)/Mas Axis and NADPH Oxidase Expression. J Cardiovasc Pharmacol. 2016 Jun;67(6):503-9.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/hm03-trihydrochloride/227448>