

Histone H3 (21-44)-GK-biotin amide (trifluoroacetate salt) Biochemical

Histone H3 (21-44)-GK-biotin amide (trifluoroacetate salt)

CATALOG #
AAA227246

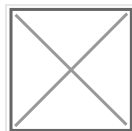
PRODUCT SYNONYMS

Histone H3 (21-44)-GK-biotin amide (trifluoroacetate salt); Histone H3 (21-44)-GK-biotin amide (trifluoroacetate salt) biochemical

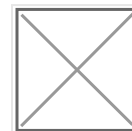
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H2O: Soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
LY3027788 hydrochloride, CAS 1377615-55-8



Structure
LY3027788 hydrochloride, CAS 1377615-55-8

ADDITIONAL INFORMATION

Related Product Information for Histone H3 (21-44)-GK-biotin amide (trifluoroacetate salt) biochemical	Histone H3 (21-44)-GK-biotin is a peptide fragment of histone H3 that corresponds to amino acid residues 22-45 of the human histone H3.3 sequence and is biotinylated via a C-terminal GK linker. Unlike histone H3.1 and H3.2, the histone H3.3 variant contains a serine residue at position 31 that is phosphorylated during late prometaphase and metaphase of mitosis. Histone H3 (21-44) also contains lysine residues at positions 23, 27, and 36 that are subject to methylation and acetylation, all of which have a role in the regulation of gene expression, and a serine residue at position 28 that is subject to phosphorylation during mitosis.
References	1. Witkin JM, et, al. Comparative Effects of LY3020371, a Potent and Selective Metabotropic Glutamate (mGlu) 2/3 Receptor Antagonist, and Ketamine, a Noncompetitive N-Methyl-d-Aspartate Receptor Antagonist in Rodents: Evidence Supporting the Use of mGlu2/3 Antagonists, for the Treatment of Depression. J Pharmacol Exp Ther. 2017 Apr;361(1):68-86. 2. Witkin JM, et, al. mGlu2/3 receptor antagonism: A mechanism to induce rapid antidepressant effects without ketamine-associated side-effects. Pharmacol Biochem Behav. 2020 Mar;190:172854.

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://stage.aaabiotech.com/biochemical/histone-h3-21-44-gk-biotin-amide-trifluoroacetate-salt/227246>