

Histone H3K27Me1 (23-34)(trifluoroacetate salt) Biochemical

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CATALOG #
AAA227247

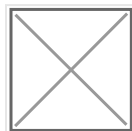
PRODUCT SYNONYMS

Histone H3K27Me1 (23-34)(trifluoroacetate salt); Histone H3K27Me1 (23-34)(trifluoroacetate salt) biochemical

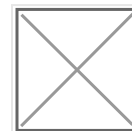
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 1 mg/mL <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
LY3020371, CAS 1377615-75-2



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ADDITIONAL INFORMATION

Related Product Information for Histone H3K27Me1 (23-34)(trifluoroacetate salt) biochemical	Histone H3K27Me1 (23-34) is a peptide fragment of histone H3 that corresponds to amino acid residues 24-35 of the human histone H3.1 and H3.2 sequences. Monomethylation of histone H3 at lysine 27 is associated with actively transcribed genes and positively correlates with H3K36 trimethylation. Levels of H3K27Me1 are increased in tumor tissue isolated from patients with metastatic hormone-na ve and castration-resistant prostate cancer. Histone H3K27Me1 (23-34) has been used in epitope mapping of the lupus-derived monoclonal antibody BT164.
References	1. Witkin JM, In vitro pharmacological and rat pharmacokinetic characterization of LY3020371, a potent and selective mGlu 2/3 receptor antagonist. Neuropharmacology. 2017 Mar 15;115:100-114. 2. 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.

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/histone-h3k27me1-23-34-trifluoroacetate-salt/227247>