Data Sheet (Cat.No.T36980)



Histone H3K27Me1 (23-34) (trifluoroacetate salt)

Chemical Properties

CAS No.:

Formula:

Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	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.

Solubility Information

Solubility	H2O: 1 mg/mL
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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