

## Allo-aca TFA

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Allo-aca TFA, a potent and specific leptin receptor antagonist peptide, inhibits leptin signaling and function across various in vitro and in vivo models [1] [2].
Targets(IC50)	Neuropeptide Y Receptor
In vitro	Allo-aca TFA impedes the leptin-stimulated growth of MDA-MB-231 cells at a 50 pM concentration.
In vivo	In an MDA-MB-231 orthotopic mouse xenograft model, subcutaneous administration of Allo-aca TFA significantly extended mean survival time from 15.4 days in untreated controls to 24 days and 28.1 days at dosages of 0.1 mg/kg/day and 1 mg/kg/day, respectively [1].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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