

FTO-IN-10

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: 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	FTO-IN-10 (compound 7), a potent inhibitor of the human demethylase FTO (fat mass and obesity-associated protein), exhibits an IC50 of 4.5 $\mu$ M. It interacts with the binding pocket of FTO's structural domain II via hydrophobic and hydrogen bonding interactions, and promotes DNA damage and autophagic cell death in A549 cells [1].
Targets(IC50)	Autophagy

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