

## Tat-beclin 1 scrambled

## Chemical Properties

CAS No. :

Formula: C164H251N57O45

Molecular Weight:

Keep away from moisture

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   | Tat-beclin 1 scrambled is the disordered segment and control of Tat-beclin 1, derived from a region of the autophagy protein beclin 1. Beclin 1 induces autophagy by interacting with HIV-1Nef and the autophagy inhibitory factor GABAR-1 (GLIPR2). Tat-beclin 1 decreases both the accumulation of polyglutamine-expanded protein aggregates and the replication of several pathogens, such as HIV. Additionally, Tat-beclin 1 reduces mortality rates in mice infected with chikungunya or West Nile virus. |
| Targets(IC50) | HIV Protease   |

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