

## Necrostatin-5

Cat. No. CEI-0585

Lot. No. (See product label)

### Introduction

#### Description

Inhibits non-apoptotic cell death pathway by inhibition of the death domain receptor-associated adaptor kinase RIP1. Three distinct mechanisms appear to be involved in necroptosis, the alternative active cell death pathway: T-loop dependent inhibition by necrostatin-1; partially T-loop independent inhibition by necrostatin-3 and indirect inhibition of RIP1 by necrostatin-5

#### Synonyms

Nec-5

### Product Information

#### Appearance

Brown solid

#### CAS No.

337349-54-9

#### Molecular Formula

C<sub>19</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>

#### Chemical Name

3-p-Methoxyphenyl-5,6-tetramethylenothieno[2,3-d]pyrimidin-4-one-2-mercaptoethylcyanide

#### Molecular Weight

592.42

#### Purity

>98% by NMR

#### Targets

Necroptosis, Necrosis

#### Solubility

DMSO or Ethanol or water

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack