

## 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-tetramethylenethieno[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