

Necrostatin-1

Cat. No. CEI-0581

Lot. No. (See product label)

Introduction

Description Inhibits necroptosis, a non-apoptotic cell death pathway. Does not inhibit FAS-induced apoptosis and has no effect on apoptotic morphology. Inhibits RIP1 kinase, the key upstream kinase involved in the activation of necroptosis ($EC_{50} = 180 \text{ nM}$)

Synonyms Methylthiohydantoin-DL-tryptophan; Nec-1

Product Information

Appearance White solid

CAS No. 4311-88-0

Molecular Formula $C_{13}H_{13}N_3OS$

Chemical Name 5-(1H-Indol-3-ylmethyl)-3-methyl-2-thioxo-4-imidazolidinone

Molecular Weight 333.34

Purity >97% by elemental analysis

Targets Necroptosis

Solubility Water

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack