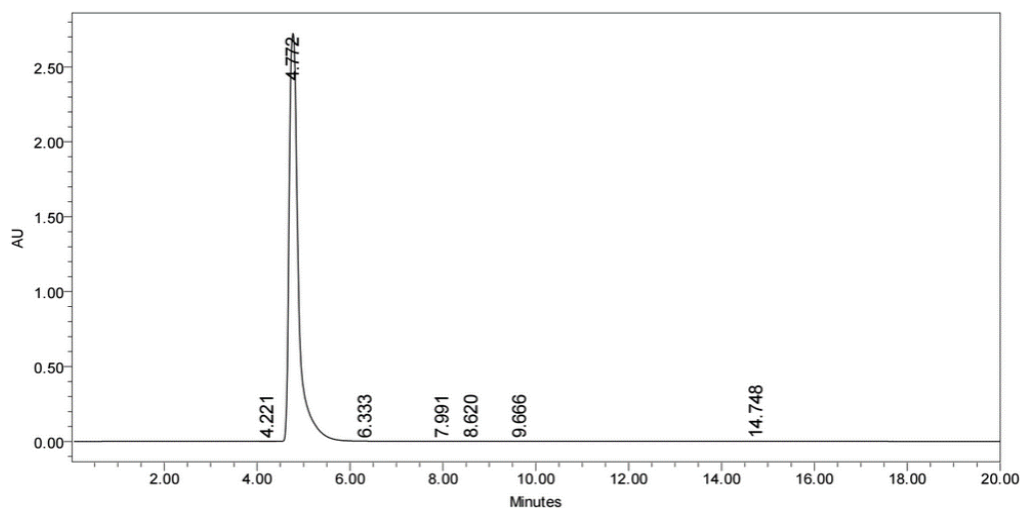


Necrostatin-1

Cat. # F7100, F7101

Also Known as: N/A
Formula: $C_{13}H_{13}N_3OS$
MW: 259.33 Da
CAS No.: 4311-88-0
Source: Synthetic
Form: Lyophilized Powder
Solubility: Soluble in DMSO
Concentration: N/A
Quality Assurance: >98% by HPLC and NMR



Purity check of Necrostatin-1 by HPLC

Description: Necrostatin-1 is a potent inhibitor of necroptosis, a programmed and caspase-independent cell death mechanism. The death domain receptor-associated serine/threonine kinase RIP1 is essential for TNF α -induced necrosis. Necrostatin-1 inhibits RIP1 and blocks TNF α -induced necrosis of FADD-deficient Jurkat cells with an EC₅₀ value of 490 nM.

Storage: Eligible for room temperature shipping. Store at -80°C upon receiving; avoid multiple freeze-thaw cycles after dissolving in DMSO.

Note: We recommend to prepare fresh Necrostatin-1 stock solution in DMSO for both in vitro and cell culture assays.

Literature: Degterev A, et al. (2008) Nat Chem Biol. 4(5):313-21.

