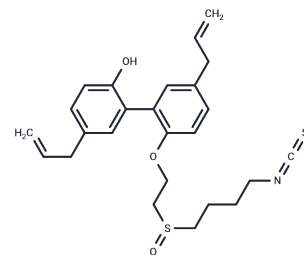


CT1-3

Chemical Properties

CAS No. : 2460738-32-1
Formula: C₂₅H₂₉NO₃S₂
Molecular Weight: 455.63
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CT1-3 is a potent anti-cancer agent. CT1-3 regulates the JNK/Bcl-2/Bax/XIAP pathway, which induces mitochondria-mediated apoptosis. CT1-3 regulates the E-cadherin/Snail axis to inhibit epithelial mesenchymal transition (EMT) potentials in human cancer cells (HCCs) and suppresses tumourigenesis. CT1-3 has anti-tumour effects in mouse models and does not show significant hepatotoxicity or nephrotoxicity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1948 mL	10.9738 mL	21.9476 mL
5 mM	0.439 mL	2.1948 mL	4.3895 mL
10 mM	0.2195 mL	1.0974 mL	2.1948 mL
50 mM	0.0439 mL	0.2195 mL	0.439 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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