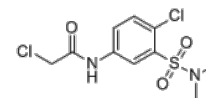


Product Name : GSTO1 inhibitor C1-27
Cat. No. : PC-61194
CAS No. : 568544-03-6
Molecular Formula : C₁₀H₁₂Cl₂N₂O₃S
Molecular Weight : 311.177
Target : Gutathione S-transferase (GST)
Solubility : 10 mM in DMSO



Biological Activity

GSTO1 inhibitor C1-27 is a potent, selective, covalent glutathione S-transferase omega 1 (**GSTO1**) inhibitor with IC₅₀ of 31 nM.

GSTO1 inhibitor C1-27 displays selective inhibition of the GSTO1 against several other cysteine-containing proteins at 1 μM. GSTO1 inhibitor C1-27 suppresses cancer cell growth, enhances the cytotoxic effects of cisplatin and inhibits tumour growth in colon cancer models as single agent.

References

Ramkumar K, et al. *Nat Commun.* 2016 Oct 5;7:13084.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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