Product Name: Sal003
CAS No.: 1164470-53-4
Cat. No.: HY-15969
MWt: 463.21
Formula: C18H15Cl4N3OS
Purity: >98%
Solubility: DMSO > 10 mg/ml

Mechanisms:
Pathways: Others; Target: Others

Biological Activity:
Sal003 is a potent cell-permeable analog of the eIF2α phosphatase inhibitor Salubrinal with enhanced aqueous solubility.
IC50 value:
Target: eIF2α phosphatase inhibitor
Sal003 has been shown to prevent dephosphorylation of eIF-2α which has been shown to regulate the late phase of long-term potentiation (LTP) and memory (LTM). This enhanced phosphorylated state of eIF-2α is shown to prevent L-LTP and suppress memory in mice.

References:

Caution: Not fully tested. For research purposes only

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