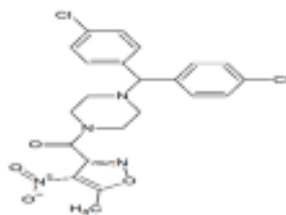


ML-210

ALTERNATE NAME: [4-[bis(4-chlorophenyl)methyl]-1-piperazinyl](5-methyl-4-nitro-3-isoxazolyl)-methanone
DPI10

CATALOG #: B2710-5 5 mg
B2710-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₀Cl₂N₄O₄

MOLECULAR WEIGHT: 475.32

CAS NUMBER: 1360705-96-9

APPEARANCE: Off-white solid

PURITY: ≥98%

SOLUBILITY: >20 mg/ml DMSO

DESCRIPTION: ML-210 is a selective and covalent inhibitor of glutathione peroxidase 4 (GPX4). ML-210 binds the GPX4 selenocysteine residue. It reduces viability of mesenchymal-state KP4 cells, an effect that can be blocked by the lipoxygenase inhibitor PD 146176 (Cat. No. B2313). ML-210 displays anti-cancer activity.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

iFSP1 (B2676)
RSL3 (B2303)
ML-162 (B2304)
Lipoxstatin-1 (B2312)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*