

**Product Name** : ML-210

**Synonyms** : ML 210;ML210

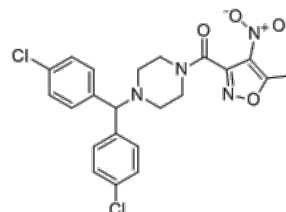
**Cat No.** : M11484

**CAS Number** : 1360705-96-9

**Molecular Formula** : C<sub>22</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>4</sub>

**Formula Weight** : 475.32

**Chemical Name** : (4-(bis(4-chlorophenyl)methyl)piperazin-1-yl)(5-methyl-4-nitroisoxazol-3-yl)methanone



**Description** : A small-molecule probe that selectively kills cells induced to express mutant RAS; inhibits BJeLR (expressing HRAS G12V) cell lines with IC<sub>50</sub> of 25 nM, displays 23-fold sensitivity over BJeH-LT (isogenic to BJeLR without HRAS G12V) cell lines; a useful tool for identifying oncogene-specific pathways and targets in cancer cells.

**Pathway** : MAPK/ERK Signaling

**Target** : Ras

**Receptor** : Ras

**Solubility** : —

**SMILES** : O=C(N1CCN(C(C2=CC=C(Cl)C=C2)C3=CC=C(Cl)C=C3)CC1)C4=NOC(C)=C4[N+](=O)[O-]

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Wewer M, et al. Bioorg Med Chem Lett. 2012 Feb 15;22(4):1822-6.